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NEXUS

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FEBRUARY – MARCH 2004

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Enzymes: the missing link in your diet?

Suppressed discoveries in physics

The Information Controllers

ADAM technology vs autism

How the Rockefellers are shaping our world

The Ummo letters: ET contact or hoax?



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• AIDS & Selenium Pt 2 • Alien healers among us •

NEXUS

NEW TIMES MAGAZINE

Volume 11, Number 2

FEBRUARY – MARCH 2004

UK/Europe edition

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STATEMENT OF PURPOSE

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Editorial

Another Christmas and another New Year have just flashed by. Is it just me, or is time getting faster as it "goes along"? As it would happen, the subject of "time" pops up in a couple of places this issue, the most intriguing reference being the piece we selected for the Twilight Zone section of the magazine. Be sure to read it!

I'm sure many readers share my concerns about where the Bush Administration is taking the American people, if not the world, in its phoney "War on Terror". It is becoming increasingly difficult to address global issues without constantly having to come back to the geopolitical agenda of the ruling "neo-cons" in the USA.

It's time people woke up to the obvious: that the Emperor has no clothes, that the War on Terror has become the War on Freedom. We are told that terrorists hate freedom, yet freedom-loving citizens everywhere are having more civil rights taken away than most dictators ever dreamed possible. Our representatives in government are passing draconian legislation with hardly any debate conducted; often, they're not even permitted to read it before they vote for it. Surveillance and suspicion rule through an ever-expanding network of methods designed to identify and track genuine dissidents of the system. The article on Information Control this edition addresses some of these issues and gives many examples of the cosy relationships between the media, the military and big business.

Several articles this edition dealing with healing are, quite frankly, "out there". The first is by Dr Joe Champion on the ADAM technology. The science and technology are literally out of this world, and thousands of people have already used it with success. The implications of this technology for the future of healing are mind-boggling!

The second article (in Twilight Zone) is about the joint ET-human healing clinics in Israel, and now many other countries. How does a military engineering type end up working with alien doctors and mediums to treat humans? Again, thousands attest to all this being real!

While we are "out there", I need to make a comment about the item at the end of Global News, on predictions for the year ahead. Although we get lots of people writing, phoning or emailing their views on the future, we seldom publish them. Why do I want to publish these? I'm not sure; I just do! I don't know whether I believe them or not, but I do know that many readers would love to read them, anyway. Bear in mind that we chopped out many of the predictions so that we could fit the space available. The full piece is being posted on our website as we go to press.

Back to our other health articles. Be sure to read the final instalment on Enzyme Nutrition Therapy. This is really empowering information that we can act on easily. The same goes for the AIDS Selenoenzyme Solution article.

The long-running series on the Rockefellers concludes here with a look at their involvement in creating cultural foundations, funding UFO research, setting up environment charters and groups, and continuing the plan for a new internationalist order.

The number of long and technical science papers arriving at our office is on the increase. As a result, I have decided to publish the abstracts of these papers periodically in the Science News section of NEXUS, so that the essence of each paper is encapsulated and so that readers, once interested, may then go to a relevant website and obtain the full paper. Of course, many of these papers come from scientists who feel "suppressed" or ignored by mainstream science. It is clear that anyone not researching "approved" subjects is not even funded, let alone published in prestigious journals. The article on Suppression in Physics explores many examples of this, and I encourage you all to read it. You may find some of your own scientific beliefs need updating!

Eager readers will have noticed by now that there is no promised part two of Valery Uvarov's article on the mysterious Installation in the Valley of Death in Siberia. I'm promised that it will be here in time for our next edition. Meanwhile, I'm happy at last to publish an article on the Ummo file. This case has been written off by many UFO researchers as a hoax, but we are not so sure. The mystery still persists; it's just that it hasn't had much publicity in the English-speaking world.

On the NEXUS news front, our first Russian language edition is to go on sale in early February, and our first Spanish language edition should be on sale soon after. The NEXUS Conference planned for late March in Amsterdam has a great line-up of speakers. I'll also be there for a few days and hope to meet as many of you as possible. All the best,

Duncan

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Letters to the Editor ...

Facts on Flickering Lights

Dear Duncan: Thanks for printing my letter in NEXUS 10/05, in which I mention that a certain type of fluorescent lighting produces radiofrequency emissions. Australian researcher John Lincoln subsequently wrote in to deny this was true [10/06].

I was referring specifically to lights with oscillating circuitry that causes them to flicker at an extremely high rate. According to your article on lighting, this can be up to 60,000 times per second.

Almost all electronic devices emit some level of radiofrequency radiation. Rarely is this powerful enough to cause noticeable harm, but whether or not continual exposure to it is perfectly safe and healthy is debatable.

John Lankes, Virginia, USA

Gravity Ram Device & $E = mc^2$

Dear Duncan: We are manipulated by our wants, but don't actually need much except the right information to be able to lead good, healthy and interesting lives.

Since avarice leads inevitably to war, then the best way of achieving peace is to assure that everybody has the information they need to provide for themselves simply and effectively. With this in mind, I've developed the Gravity Ram, a new energy resource capable of delivering free power 24 hours a day, 365 days a year, indefinitely.

Full details of the Gravity Ram are available on my website, <http://www.pathcurve.com>, and I hope that many of your readers will copy it, plagiarise it, tinker with it, further develop it and, above all, make it cheap and available everywhere in the world.

On another note, in response to the excellent article by Richard Moody, entitled "Albert Einstein, Plagiarist of the Century" [NEXUS 11/01], I would like to add one snippet of information.

The formula $E = mc^2$ was first postulated in 1903 by Professor Friedrich Hasenöhr (30 November 1874 – 7 October

1915), Head of Physics at the University of Innsbruck and later Vienna, Austria.

Professor Hasenöhr developed this formula in the form $m = E/c^2$, but since he died in the First World War he was never able to establish his priority in the formulation of this equation.

Keith Foster, FLS, Pembs., UK

Giant Races of the Pacific

Dear Duncan: In NEXUS 10/05, you published two articles, "The Dragon Snake" and "Giant Races Still Exist in the Solomon Islands", and I thought I might bring you up to date with further research on these two subjects.

I had always had much suspicion that existence of the giants of the underworld and their alien counterparts within this large archipelago exceeded much more than just the Solomon Islands—and as it has turned out, I was right. I have found several areas other than the Solomons within this archipelago that are known to be havens for these subterranean giants and their alien bosses. These areas include the big islands of Papua New Guinea, Vanuatu and north New Caledonia.

Without going into the details of what has transpired and how I discovered these other locations, extraordinarily I have found out that the giants of this large archipelago have had a succession of giant queen rulers, the current one fittingly living under the big mountains north of Daru on the south coast of PNG. The further west one goes in this archipelago, the more abundant the giant population becomes.

In those articles last year, there were email addresses provided for those who might be able to offer financial assistance in order for us to be able to pursue this research by obtaining photographic evidence. For the thousands who did email, those of *Echelon* associated with the Americans, British and Australians attached irreparable viruses with these emails and also stopped my surface mail.

We still require an investor and have made professional provi-

sions with the email address, giants@thesolomongiants.com, and phone number, +61 (0)424 276 001, for further contact.

Sincerely,
Marius Boirayon, Australia

A Rich Source of Information

Thank you! I've been reading NEXUS Magazine for five years or more now. It's the only magazine that I just pick up and buy, without even looking to "see if there are any good articles". There always are; I have never been disappointed.

(By the way, while I understand the desire of a publisher to convert newsstand buyers like myself to subscriptions, perhaps you can also understand that I also wish to encourage and reward the local shopkeepers and newsstands who are willing to carry the magazine. These entrepreneurs scrape by on thin margins, when any normal business person would likely throw in the towel. I want to help them along, too.)

Well, I have wanted to thank Duncan and all NEXUS supporters for providing a rich source of information, and, equally important, giving references to other provocative and informative sources. You have directed me to people, places and things that I might never have found on my own. A mere "thank you" seems a rather paltry response to all the riches. A least I now have this handy computer to help me send it to you.

Yours,
Dave B., Brewster, NY, USA

Stopping AIDS Transmission

Dear Editor: Your recent AIDS article (NEXUS 11/01, part 1) almost resuscitates the old story of HIV coming from Africans bugging monkeys: it was from "cross-species transmission". I never appreciated how an acquired deficiency of one's immune system (AIDS) was supposed to be caused by one type of virus. The 20th anniversary of Dr Robert Gallo's announcement of the isolation of HIV coming up this March is a time to debate

this, and to recall that the US Nobel Prize-winning chemist Kary Mullis has stated that one can't find a scientific paper demonstrating that HIV causes AIDS. It was, he found, just regarded as something that "everybody knows".

Also, I believe that the HIV virus cannot generally be found in persons who have "died from AIDS". There are surely millions of viruses able to undermine the human immune system, but I doubt whether there is one specifically, or just one family of viruses, that has this property—so "the" human immune-deficiency virus may not exist.

Could anyone demonstrate that anyone who has "died from AIDS" in Africa had the same fatal virus in their blood as someone on the American West coast who has likewise "died from AIDS"? I rather doubt it.

I believe that holistic medicine is the best way to treat exhaustion or depletion of the immune system (AIDS), and that the illusion of $HIV = AIDS = death$ was designed to block this.

There was a classic series of articles you ran a few years ago, "The Yin & Yang of HIV" [6/04] and one would like to see these distributed to medical students over this 20th anniversary!

Yours sincerely,
Nick Kollerstrom, UK

Alien Big Cats in New Zealand

You will be aware there is quite a bit of Alien Big Cat activity happening about the world at present. Many of your readers will be unaware of the fact that New Zealand also has sightings, albeit not on the scale of, say, the UK or Australia.

There was a flurry of news activity here in October when a sighting was made near Ashburton on the South Island. Several other people then wrote in to MAF, DOC, the Police and various newspapers with similar reports; however, the subject was soon forgotten by the mainstream press.

A few years ago I started my own research on the subject and

... more Letters to the Editor

NB: Please keep letters to approx. 150 to 250 words in length. Ed.

have in my possession written statements from several eyewitnesses dating back to the early 1960s! I also have details of probably every other big cat sighting ever reported in NZ.

I look forward to hearing from you.

Sincerely,

Ian Lucas, Tauranga, New Zealand, lucas@globe.net.nz

Bio-Attack Unpreparedness

Greetings! I have been reading NEXUS for some years now and find its contents most illuminating. At last year's NEXUS Conference I had the pleasure of meeting and speaking to Dr Len Horowitz, and subsequently I read his book, *Death in the Air*. I was alarmed but not surprised when I finished it.

I have been following news items relating to the impending engineered bio-culling program, most noteworthy the death of a number of prominent microbiologists quite recently. Other indicators were the Asian SARS crisis and rumours of renewed Israeli interest to develop race-specific pathogens.

The most extraordinary development, though, only occurred last week [the week of 3 November]. Professor Thomas Butler reported that 30 vials of plague cultures were missing from the lab he managed. After much to-ing and fro-ing, he is now facing up to 100 years in prison.

New Scientist magazine has reported that there was a concerted effort under way (by government officials) to dissuade scientists from commenting on the issue—certainly, an ominous development taken on its own, but even more so if one can believe the ensuing consequences of this apparent witch hunt.

It seems that the new legislation in the USA, which was meant to provide stricter control and thus more security in the field of dangerous biological research, has indeed had the opposite effect. Many researchers are turning away from this field of study in order to avoid a fate like

Professor Butler's.

So, not only are lab managers unlikely to report missing biological matter, but there will also be much less research in the fields of vaccine treatment and prevention of dangerous and highly contagious diseases.

In a few short years there will undoubtedly exist an opportunity to launch a massive biological attack against the States (and, by proxy, against the world at large), which will be met with unpreparedness at best and incompetence at worst. The intellectual property to deal with such an attack will simply no longer exist.

Might this be the pestilence that will sweep this planet? It certainly looks as though someone is preparing the way.

Love and understanding,

Mehmet Mecci Oncel, Sydney, Australia

Questions over UFO Articles

Regarding the "Teller" article [NEXUS 11/01], this document is said to have arrived anonymously in a UFO researcher's mailbox, so what evidence is there that Dr Edward Teller actually wrote it? Has it even been compared with Teller's known works to determine whether or not the writing style, words and phrases used, etc., are consistent with it having been written by him, or are we expected to accept that it was written by Teller simply on the word of a UFO researcher who can't or won't tell us its true source?

Unfortunately, far too many of the NEXUS articles and letters on UFOs and related phenomena are like this one—of highly dubious origin and totally unverifiable—making me wonder if any of them are genuine or if there is somebody churning out fake UFO "revelations" for a gullible readership.

This uncertainty is unfortunate, because the UFO question may be one of the most important we are currently facing. Perhaps there may be nothing at all to the UFO phenomenon, but despite the prevalence of deliberate fakes and misidentifications of known

objects and phenomena, there does seem to be a nucleus of genuine sightings of anomalous objects; and if they are non-terrestrial, then discovering the truth about them could provide answers to many of our questions about religion and origins.

Many of us wouldn't like the answers—many cherished beliefs would be shattered—but ultimately we need to know and to accept the truth, whatever it may be, and to live in accordance with that. So we really do need to know whether UFOs are simply a kind of repetitive mass hallucination, extraterrestrial space vehicles, visitors or manifestations from another dimension (perhaps what we would call a "spiritual dimension"), "satanic deceptions" as alleged by some religious fundamentalists, or whatever.

But with so much of the published "information" about UFOs being unverifiable, it is virtually impossible at present to know what is the truth.

Peter Schaper, Qld, Australia, ppschaper@isisol.com.au

[Dear Peter: Having looked at other writings by Dr Teller, we did notice many similarities in expressions and style. I appreciate your concerns but should point out, too, that much information remains in the hands of the military and is not available because it's classified. Ed.]

US Military's UFO Photos

Enjoyed your article, "Planet X, Comets and What NASA is Hiding" [10/06]. NASA is a powerful organisation that will lead mankind into exploring the unknowns of outer space. But some of those unknowns are not to be revealed to mankind right now, and that is where the NSA steps in. With the NSA controlling NASA, they can keep their most secretive findings secret.

When I was working with the US Army's Military Intelligence at PIC-K (Photo Interpretation Center – Korea), I was an intelligence analyst and it was my job to categorise UFO sightings done by our satellites and reconnaissance aircraft [see Letters, 7/03].

I worked elbow to elbow with some of the finest image interpreters that discovered on their aerial photographs strange unidentified objects for which our military had no explanation.

Project *Blue Book* may have been discontinued, but categorising UFOs still continues to this day. We had one CIA agent and one DIA agent in our division, and all UFO photos went straight to these agents for deciphering.

Sincerely yours,

Paul Dale Roberts, California, USA, JazmaPika@cs.com

UFO Science and Politics

Hi, NEXUS: You may have heard from me in the past. I'm the PhD student at the University of Texas who was expelled after I published a couple of speculative papers in a ufology journal. I was only a semester away from getting my doctorate, and after two years of appeals the University hasn't budged.

I have my research in aerospace engineering—the challenges of a manned mission to Mars—on my website, as well as an outline of what NASA called in 1982 "A Unified Field Theory". The URL is <http://home.austin.rr.com/whcii/>.

All my theoretical research is there. The articles I published in the ufology journals claimed that all this technology could have been derived a hundred years ago, and may thereafter have been the basis for actual UFOs in recent years—made in the USA.

The politics of this research is described as well, including a copy of my bizarre letter of dismissal from the university and a link to Google newsgroups where I've made over 1,600 postings in the last couple of years—all of which have been universally rejected by the esteemed scientists writing responses in the technical newsgroups.

Altogether, it's compelling evidence that there really *is* a cover-up, and the scientific community is responsible.

Happy new year,

Bill Clark, Texas, USA, whcii@earthlink.net

THE POPE CALLS FOR A NEW INTERNATIONAL ORDER

Pope John Paul II launched one of the most important diplomatic initiatives of his long papacy on 1 January when he called for "a new international order" to replace the one that emerged from the Second World War.

Though he did not offer a detailed plan, his words appeared to show that he wanted the United Nations replaced in view of its failure to block the US-led use of force in Iraq.

The Pope called in December for the reform of world institutions and deplored any failure to respect international law. But in a sermon during a mass at St Peter's in Rome he went much further, referring to the UN as if it were already a part of the past.

"More than ever, we need a new international order that draws on the experience and results achieved in these years by the United Nations," he declared during a service to mark the Roman Catholic Church's World Day of Peace, celebrated on 1 January.

In his homily, the Pope said the new world order he wanted "would be able to provide solutions to the problems of today...based on the dignity of human beings, an integrated development of society, solidarity between rich and poor



nations, and on the sharing of resources and the extraordinary results of scientific and technological progress".

The Pope believes that not enough of these goals are being achieved with the present system of international organisations, including the UN, the IMF and the World Bank, that emerged in the late 1940s.

The central issue, seen from the Vatican's point of view, is the growing irrelevance of a painstakingly constructed body of international law which is being ignored by the US administration during its "war on terror".

(Source: The Guardian, 2 January 2004)

IRAQ POLLUTED BY DEPLETED URANIUM

US and coalition forces unleashed at least 75 tons of toxic depleted uranium on Iraq during the war, reports the *Christian Science Monitor*.

An unnamed US Central Command spokesman disclosed to the *Monitor* in late November that coalition forces fired 300,000 bullets coated with armour-piercing depleted uranium (DU) during the war.

"The normal combat mix for these 30-mm rounds is five DU bullets to one—a mix that would have left about 75 tons of DU in Iraq," wrote correspondent Scott Peterson.

Peterson measured four sites around Baghdad struck with depleted uranium munitions and found high levels of radioactive contamination, but few warnings to this effect issued among the populace at large.

While the Pentagon maintains that spent weapons coated with the low-level radioactive nuclear waste are relatively harmless, Peterson notes that US soldiers have taken it upon themselves to print leaflets or post signs warning of DU contamination.

"After we shoot something with DU, we're not supposed to go around it, due to the fact that it could cause cancer," said one sergeant, requesting anonymity.

On a group of abandoned, burnt-out US munitions supply trucks, Peterson saw signs put up by US troops, warning in Arabic, "Danger: Get away from this area". A local vendor said that soldiers in masks warned him and others to keep away from the site.

Two other sites visited were randomly selected Iraqi armoured vehicles destroyed with DU bullets. The remains of these tanks sit near a produce vendor on the outskirts of Baghdad, and have become popular playthings for children. The Geiger counter reading from "a DU bullet fragment no bigger than a pencil eraser" near one child registered 1,000 times the normal level.

There were no warnings posted to inform the populace of the radioactive emissions coming from any of the tanks.

(Source: *Yellow Times.org*, 5 December 2003, <http://www.yellowtimes.org/article.php?sid=1683>)



"Cracked pepper or depleted uranium?"

UK GOVT ADMITS MI6 PLANTED STORIES ON IRAQI WMD

The British government has confirmed that MI6 had organised Operation Mass Appeal, a campaign to plant stories in the media about weapons of mass destruction in Iraq.

A senior official admitted that MI6 had been at the heart of a campaign launched in the late 1990s to spread information about Saddam's development of nerve agents and other weapons, but denied that it had planted misinformation.

The admission followed claims by Scott Ritter, who led 14 inspection missions in Iraq, that MI6 had recruited him in 1997 to help with the propaganda effort. He described meetings where the senior officer and at least two other MI6 staff had discussed ways to manipulate intelligence material.

"The aim was to convince the public that Iraq was a far greater threat than it actually was," Ritter said.

He said there was evidence that MI6 continued to use similar propaganda tactics up to the invasion of Iraq earlier in 2003. "Stories ran in the media about secret underground facilities in Iraq and ongoing programs [to produce weapons of mass destruction]," said Ritter. "They were sourced to Western intelligence and all of them were garbage."

Kelly, himself a former United Nations weapons inspector and colleague of Ritter, may also have been used by MI6 to pass information to the media.

"Kelly was a known and government-approved conduit with the media," said Ritter.

Lord Hutton's report is expected to deliver a verdict in January on whether intelligence was misused in order to promote the case for going to war.

Lord Hutton heard evidence that Kelly was authorised by the Foreign Office to speak to journalists on Iraq. Kelly was in close touch with the "Rockingham cell", a group of weapons experts that received MI6 intelligence.

The campaign was judged to be having a successful effect on public opinion.

Poland, India and South Africa were initially chosen as targets for the campaign because they were non-aligned UN countries not supporting the British and US position on sanctions. At the time, in 1997, Poland was also a member of the UN Security Council.

Ritter was a willing accomplice to the

alleged propaganda effort when first approached by MI6's station chief in New York. He obtained approval to cooperate from Richard Butler, then Executive Chairman of the UN Special Commission on Iraq Disarmament.

(Source: The Times, UK, posted 29 December 2003 at http://www.thepeninsulaqatar.com/Display_news.asp?section=World_News&subsection=United+Kingdom+%26+Europe&month=December2003&file=World_News2003122921734.xml)

FCC APPROVES MURDOCH'S MEDIA MEGA-MERGER

In a devastating blow for media diversity, the US Federal Communications Commission (FCC) on 19 December, on a contentious 3 to 2 vote, approved a "\$6.6 billion media mega-merger" between DirecTV satellite television service and Rupert Murdoch's News Corporation.

The merger will add DirecTV's 11 million subscribers to Murdoch's US empire, which already includes local television stations reaching more than 44 per cent of the country, a major national broadcast network, numerous cable and satellite channels, the most widely used electronic program guide, newspapers, magazines, a publishing house and movie studios.

The unprecedented size and scope of Murdoch's holding will, according to FCC Commissioner Jonathan A. Adelstein, put

News Corporation "in a position to raise programming prices for consumers, harm competition in video programming and distribution markets nationwide, and decrease the diversity of media ownership". News Corp. owns a vast array of television outlets, including many which feature highly coveted regional sports programming.

The acquisi-

tion of DirecTV will give News Corporation even more bargaining clout when it negotiates retransmission fees with cable and satellite competitors. Even the FCC recognised this could be a problem.

Ever wonder how Rupert Murdoch usually gets what he wants? News Corp. spent nearly US\$10 million on lobbying from 1999 to 2002. Murdoch himself has met personally with FCC commissioners and key lawmakers several times. For the 2004 election, News Corp. has already contributed \$200,000. For the 2000 and 2002 cycles, the company's contributions exceeded \$1.7 million.

(Source: The Progress Report, 25 December 2003, http://truthout.org/docs_03/122503E.shtml)

SADDAM HUSSEIN CAPTURED FIRST BY KURDISH FORCES

Saddam Hussein was found by US troops only after he had been taken prisoner by Kurdish forces, drugged and abandoned ready for American soldiers to recover him.

Saddam Hussein came into the hands of the Kurdish Patriotic Front after being betrayed to the group by a member of the al-Jabour tribe, whose daughter had been raped by Saddam's son Uday, leading to a blood feud, according to the UK *Sunday Express*, which quoted an unnamed senior British military intelligence officer.



"He designed and registered his own sandbox flag. Yeah, I think it's safe to assume he's an Alpha male."

... GLOBAL NEWS ...

The newspaper said the full story of events leading up to the ousted Iraqi President's capture on 13 December near his home town of Tikrit in northern Iraq "exposes the version peddled by American spin doctors as incomplete".

A former Iraqi intelligence officer, whom the *Express* did not name, told the paper that Saddam was held prisoner by a leader of the Kurdish Patriotic Front, which fought alongside US forces during the Iraq war, until the leader negotiated a deal. This apparently involved the group's gaining political advantage in the region.

An unnamed Western intelligence source in the Middle East told the *Express* that "Saddam was not captured as a result of any American or British intelligence". (Sources: The Courier Mail, The Sydney Morning Herald, 21 December 2003)

BANNED US LFAS SONAR TESTING CONTINUES

Recently, the head of the Spanish marine protection agency, CEPESMA, Luis Laria, claimed that shock waves from scientific tests carried out by the Spanish vessel *Hesperides*—operating, according to sources, out of the naval base at Rota in the Gulf of Cadiz—has caused the deaths of four giant squid off the Spanish coast.

Few details of the incident were reported in the local or international media because of the secrecy surrounding the tests, but *Intelligence* believes they may be similar to the Surveillance Towed Array Sensor System (SURTASS) Low Frequency

Active Sonar (LFAS) submarine detection trials which began in August at the top-secret British Underwater Testing and Evaluation Centre (BUTEC) at Kyle of Lochalsh, on the west coast of Scotland. Moreover, Rota has been a US Navy submarine base for several decades.

LFAS sonar has been developed by US scientists over the past decade and uses an underwater low-frequency signal to detect hostile submarines. Described as "millions of times more powerful" than the pulsed-sound location technology used by traditional sonar systems, LFAS sonar is based on the fact that intense low-frequency sound—100 to 1000 Hz—can travel thousands of nautical miles through the ocean.

The US Navy admits that the sounds—which are generated by huge transmitters towed behind TAGOS-class destroyers—can reach 235 decibels, approximately twice the average noise level of a jet engine. Since 1988, LFAS sonar has been tested 25 times for over 7,500 hours in the Atlantic, Pacific and Indian oceans.

Last year, whales of four different species died on beaches across the northern Bahamas during US Navy exercises. In August 2002, a flotilla of US Navy destroyers off the Spanish-administered Canary Islands carried out a series of LFAS tests which, according to US environmentalists, resulted in the deaths of 17 whales.

The beached mammals were found to have suffered internal bleeding and eye, ear and brain damage.

On 31 October 2002, Judge Elizabeth

LaPorte, sitting at San Francisco Federal Court, found that evidence compiled on the Canary Islands incident by five environmental groups, supported by testimony from marine biologists, showed that LFAS testing caused internal bleeding and disorientation to a whole range of sea creatures, including whales, dolphins, seals and sea turtles. Judge LaPorte banned LFAS testing and use of LFAS technology off the US coast.

Rather than challenge a federal court ruling, the Pentagon took the in-shore SURTASS test ban problem to the US State Department. According to the Dublin magazine *Phoenix*, the Bush Administration then asked the British Ministry of Defence to allow the Royal Navy to take over, and so LFAS tests "shifted to British warships" based in the Inner Hebrides.

(Source: *Intelligence, France*, no. 429, 20 October 2003, p. 3)

YELLOWSTONE PARK SUPER-VOLCANO SET TO BLOW?

Geologists claim that Yellowstone Park, which happens to be on top of one of the largest "super-volcanoes" in the world, has been on a regular eruption cycle of 600,000 years. The last eruption was 640,000 years ago, making the next one long overdue. This next eruption could be 2,500 times the size of the 1980 Mount St Helens eruption.

In July 2003, Yellowstone Park rangers closed the entire Norris Geyser Basin because of deformation of the land and excessively high ground temperatures. There is an area 28 miles long by 7 miles wide that has bulged upward over five inches since 1996, and this year the ground temperature on that bulge reached over 200 degrees Fahrenheit [93.33 degrees Celsius] (measured one inch below ground level). Everything in the area is dying and the animals are literally migrating out of the park.

In late July, one of the Park geologists discovered a huge bulge at the bottom of Yellowstone Lake. The bulge has already risen over 100 feet from the bottom of the lake and the water temperature at the surface of the bulge has reached 88°F [31.1°C] and is still rising. Keep in mind that Yellowstone Lake is a high mountain lake with very cold water temperatures.

The lake is now closed to the public. It is filled with dead fish floating everywhere. The same is true of the Yellowstone River and most of the other streams in the park. Dead and dying fish are filling the water



"My life coach advised me to hire a consultant to headhunt a mediator to sack my personal trainer."

everywhere. Many of the picnic areas in the park have been closed and people visiting the park usually stay but a few hours before leaving, since the stench of sulphur is so strong they literally can't stand the smell.

The irony of all this is the silence by the news media and our government. Very little information is available from Yellowstone personnel or publications. What mainstream news stories do appear underscore the likelihood of a massive volcanic eruption.

Though geologists publicly admit Yellowstone is "overdue", they have been quoted as stating another massive magma release may not occur for 100,000 or two million years.

Others close to the story are convinced that a massive eruption is imminent. A source who has demonstrated first-hand knowledge of the park's history and recent geothermal events stated the following:

"The American people are not being told that the explosion of this 'super-volcano' could happen at any moment."

Some geologists predict that when Yellowstone does blow, "every living thing within 600 miles is likely to die".

"The movement of magma has been detected just three-tenths of a mile below the bulging surface of the ground in Yellowstone, raising concerns that this super-volcano may erupt soon."

(Source: The Idaho Observer, December 2003, <http://www.proliberty.com/observer/20031219.htm>)

GARLIC INGREDIENT KILLS HOSPITAL SUPERBUGS

An ingredient in garlic may offer one of the best defences against hospital superbugs, research shows.

Tests by Dr Ron Cutler, a microbiologist from the University of East London, showed it can cure patients with MRSA-infected wounds "within days", he said.

Allicin, which occurs naturally in garlic, not only killed known varieties of MRSA, but also new superbug generations resistant to "last resort" antibiotics such as vancomycin. The findings are to be published in the *Journal of Biomedical Science* in the new year.

MRSA — methicillin-resistant *Staphylococcus aureus* — causes 2,000 deaths in UK hospitals each year, mainly by infecting surgical wounds.

(Source: The Independent, UK, 30 December 2003)

GLOBAL PREDICTIONS FOR 2004

from Philosopher Mrs Phipps-Earl

Michael Wells Mandeville writes that author, Mrs Phipps-Earl, is not a "channeller" or a light-weight. She has been writing a deep review of modern philosophy at the university level on the nature of our consensus reality, our moral or social purpose, and our perception, and has absolutely no desire to be known for these predictions but for her work in philosophy. In her letter to Mr Mandeville, dated 27 December 2003, and in a subsequent email, Mrs Phipps-Earl writes, among other things:

In having been slowly but surely emptied over the past few months and most noticeably over the past week, I am standing in stillness, this stillness also reflected in Nature itself over the past few days. Over the past five or six years I have made predictions at this time of year; tis as if I am emptied to allow for the seeing. I do not prepare myself to see, nor do I myself attempt to see; I merely do see. As I wrote in the email above, massive changes are about to occur through the world. It is going to be a rocky road. Hang on tight and be ever mindful.

All hell is about to break out, not just in one area of the world, but throughout every inch of the planet and surrounding skies. For years, people have spoken about Earth changes; I myself have been speaking about them since I was 12 years old. In the next four months there are going to be horrific Earth changes—changes beyond our imagination. Across the board in the northern hemisphere there will be massive floods, earth slides, earthquakes. In Asia there will be devastation, earthquakes most notably in China and Japan, volcanic eruptions, floods, mudslides and tidal waves in the Philippines and South Pacific.

There will be earthquakes in NZ, massive cyclones and floods in some areas of Australia and scorching droughts in other areas of Australia. Canada will have massive flood and blizzards. The US is in for a time of it with earthquakes all down the West Coast. I think I said last year that entire sections of the West Coast USA will fall into the sea; a mountain range will be the future coastline of the US West. Oil will flow in the ocean off the southern West Coast. Water supplies in the US will be contaminated. Do not drink the milk, and stock up on bottled water.

There are predictions I made over the last several years that have not happened yet. However, they are now about to begin. There will be civil war in the US. You will need to keep away from big cities. New York will once again see fire in the very early new year. People on an island, which looks toward New York, will look upon the fire and devastation.

A huge theme park in Florida will be devastated, people screaming, many injured and dead. Television stations and media outlets will somehow be unable to operate; there will be a loss of contact. Bush will go into hiding, many Americans screaming out against him. There will be devastation in California, Alabama and Missouri, people walking (not driving) away from towns.

One of Britain's future kings will be near death. The Pope will pass from this world around 15 February. Russia, France, Germany and several other European nations will make a pact. Korea will become hostile. Something is going to happen in Israel; God will lift his hand. While God will not cause an event to occur, this event is predestined. The Palestinians will not cause the event, but will rejoice in witnessing this event, perceiving it as God's will. The Arab nations will join forces, not to cause war but to separate themselves from the devastation in the West. However, in witnessing the suffering of many in the West, the Arab nations will do an act of great kindness. Many nations throughout the world will close their borders and protect themselves. By June, money will no longer be the most powerful means of exchange. The basic necessities of life—food and water—will become the greatest bargaining chips.

Africa will have volcanic eruptions, massive fires and drought. There will be earthquakes in Mexico, and the channel between North and South America will not be able to be used for shipping. Of all the nations in the world, South America's will be the least affected and will gain security by supplying the necessities of life to other nations. Three world leaders will be assassinated. Many will turn to God, for there will seem to be nowhere else to turn.

There will be four substantial earthquakes in Australia in the first five months of 2004: in Victoria, New South Wales and South Australia... Beaches washed away on the Gold and Sunshine coasts. Water rushing in from the ocean up the Brisbane River, flooding inner city area... There will be massive strikes with the building industry, dockers, shipping, airlines, public transport and transport supplies; milk and supermarket food shortages.

The US dollar will drop to an all-time low; the euro will be the leading currency. Deals will be made between Eastern European countries and Arab nations; they will be on very friendly terms. There will be all-out war between India and Pakistan. Tibet and China will bring relief and aid. US troops will be stationed *en masse* in Taiwan. I don't know why.

A large group of scientists from throughout the world will come to Australia for an indefinite period, probably in April. There will also be much scientific activity/work going on in the South Pole. A book will be launched, probably in London, which will have all the world talking.

(Source: Forwarded by PlanetNews@aol.com from Michael Wells Mandeville's website. To read the complete text, go to <http://www.michaelmandeville.com>. See review of Mandeville's book, *The Coming Economic Collapse of 2006*, in this issue.)

INFORMATION CONTROL FOR SOCIAL MANIPULATION

The news and entertainment we consume, and thus our thoughts and opinions, are shaped not just by the media and entertainment corporations but by governments, their agencies and the military-industrial complex.

by David B. Deserano, MS
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It would not be impossible to prove with sufficient repetition and a psychological understanding of the people concerned that a square is in fact a circle. They are mere words, and words can be moulded until they clothe ideas in disguise.

— Joseph Goebbels

The United States is the most media-saturated country in the world. We are bombarded daily with thousands upon thousands of images and sounds designed to get our attention, entertain and inform us of everything from shoes to food to celebritydom to political ideology. It's been estimated that the average American is exposed to more than 3,000 advertisements every day, but on top of that there are the news programs, sitcoms, films, radio and other forms of media that we *choose* to consume. All of this works to shape our opinions of the world, and a great deal of time, effort and money is spent to guide our opinions down particular avenues. This used to be called *propaganda*.

Today, with the negative, Nazi-esque connotation which comes with that word, euphemisms such as *misinformation*, *disinformation*, *image consulting*, *political consulting*, *news consulting*, *advertising*, *infomercials*, *public relations*, *damage control* and *the art of spin* have taken its place in the English lexicon, all but concealing its true nature and omnipresence. And omnipresent it is. The industries that deal with information control—in both the commercial and governmental sectors—work with hundreds of millions of dollars annually. Uninformed, ignorant masses are far easier to manipulate than educated, thinking masses. We have to ask: Who has the information? How is it being distributed? How is it contextualised?

Corporations and governments have spent many decades and hundreds of billions of dollars researching how best to influence the people. Much of this information is kept secret from the public (in the case of corporate research, it is their private property), and what is known has come from the more recent work done by scholars around the world—work that is dramatically underfunded by comparison. So, the information available to the average citizen—including the aforementioned academic scholars—is radically less than that which is available to the producers of media or information campaigns (i.e., advertising agencies, public relations firms, political consultants, etc.).

However, an important fact that is known is that the human brain processes different mediums in different ways. Written and spoken words are put through a type of decoding process, wherein the brain deciphers the words and the sentence structure in order to interpret properly what it is reading/hearing. In this process, both the conscious and unconscious mind go through an internal debate, comparing what it's interpreting with what it already knows to be true.

With the image, however, the brain instantly processes it as truth, which means information presented in a visual format has a much greater impact on the unconscious. Over long periods of time, recurring imagery has a built-up effect on the viewer, which allows for unconsciously conceived notions of truth to manifest as though from nowhere. Naturally, then, whoever has control over the mediums of communication has a tremendous amount of power over the populations who consume it.

(Note: In no way is this paper intended to convince readers of any particular conspiracy theory but, rather, to present a collection of facts—all of which are readily available to the public—and allow readers to draw their own conclusions.)

[The full article with references is available at <http://www.nexusmagazine.com>. Ed.]

PART I: Media Intents, Capabilities, Practices and Origins

Anyone who has the power to make you believe absurdities has the power to make you commit injustices.

— Voltaire

1) The radio, the computer and the Internet are all products of the military. The radio was invented in the mid-1890s and its first sale was to the British War Office in 1896 during the Boer War, and three years later to the US Navy. During World War I, the United States put all commercial, amateur and military (except for the Army's) radio equipment under the control of the Navy—a monopoly pursued immediately after the war, as well.

The first operational electronic computer, *Colossus*, was built as a part of the ULTRA project for the British Department of Communication in the Foreign Office, to assist in the decoding of intercepted Nazi transmissions. The first electronic digital computer, ENIAC (Electronic Numerical Integrator and Computer), came out of a relationship between The Moore School of Electrical Engineering at the University of Pennsylvania and the Ballistics Research Lab operated by the Army Ordnance Department at the Aberdeen Proving Ground in Aberdeen, Maryland. It was "designed expressly for the solution of ballistics problems and for the printing of range tables".

The grandparent of the Internet was the ARPAnet, which came about in 1969. The Defense Advanced Research Projects Agency (DARPA) of the Department of Defense wished to create a communications infrastructure for the US military that could survive a nuclear attack. "Many of the best attributes of the Internet—including its architecture, technology and gestalt—are the children of this military prototype." (*Sussman, 1997, pp. 87, 89, 90; Slater, 1987, pp. 16-17; Stern, 1981, pp. 1, 15; Reid, 1997, p. xx*)

2) At the outset of World War I in Europe, President Woodrow Wilson (1913–1921) had to devise a way to convince the primarily pacifistic American public (still reeling from the effects of the Civil War) to want to send their boys thousands of miles away to fight a war that didn't involve them. President Wilson came up with the Committee of Public Information, also known as the Creel Commission. Made up of cartoonists, writers, editors, publishers and others whose profession was to convey information to the masses (including Edward Bernays, father of the public relations industry, and Walter Lippmann, the dean of American journalists, a major foreign and domestic policy critic and an important theorist of liberal democracy), within a year they were able to turn the American people into a fervent anti-German population.

This exceedingly positive result caught the attention of two groups in particular. One was the intellectual community who saw these new propaganda techniques (and it was openly called *propaganda* at the time, as there wasn't a negative connotation to that word until the Nazis used many of the same techniques years later) as a general means by which they could control the population on a regular basis. The other group comprised business leaders, who saw a new window to increase their sales by turning the American people into a population of consumers.

What was ultimately learned from all this was that in order to adequately persuade a population to do something, whether to go to war or buy a hamburger, one needed to appeal to them on levels of which they are unconscious.

(*Chomsky, 1991, pp. 7-10, 17-18; Chomsky & Barsamian, 2000, pp. 151-152; Boihem & Emmanouilides, 1996*)

5) It's been noted that "violence is to a dictatorship, what propaganda is to a democracy", and the Nazis used both. Joseph Goebbels, appointed Reich Minister for Public Enlightenment and Propaganda on March 14, 1933, combined the press, radio, film, theatre and propaganda into a single, large-scale organisation and considered the media as "a piano...in the hands of the government", on which the government could play. Although monotony may set in if all means reported the same information, he developed a theory that the media should be "uniform in principles" but "polyform in nuances". This is a concept that has carried over to our media today.

Although we have a tremendous amount of magazines and newspapers available to us, most of them are from "highly centralized outlets that proffer a remarkably homogenized fare. News services for dailies throughout the entire nation are provided by the Associated Press...the *New York Times* and [the] *Los Angeles Times*–*Washington Post* wire services, and several foreign wire services like Reuters. The ideological viewpoints of these news conduits are pretty much the same, 'marked by a prefabricated standardization of news which is constricting and frightening'." (*Neale et al., 1992; Reuth, 1993, p. 174; Parenti, 1986, pp. 30-31*)

Fear is a powerful means for establishing social control over a population, and the negative effects of media on its consumers are doing just that...

6) Fear is a powerful means for establishing social control over a population, and the negative effects of media on its consumers are doing just that, for it's been widely established for decades that regular viewers of violent films and/or television programming often look upon the world as being much more frightening, dangerous and violent than those who view the same media in much less quantity or not at all. The same, by the way, is also true of regular viewers of the evening news.

Furthermore, "psychiatrist Robert Coles writes that children in some parts of America are more frightened [about the world] than children in Lebanon or Northern Ireland"; this may very well have to do with the fact that some of the most violent programming on TV are cartoons aimed at very young children. The potential consequences of this are staggering. A generation brought up to fear the world may be willing to do unhealthy things in order to protect themselves from things that aren't there, such as a readiness to sacrifice their basic civil liberties for a false sense of security. (*Jhally & Dinozzi, 1994; Pipher, 1994*)

13) It's very difficult for a human being to kill a member of their own species; they have to be manipulated to do so. It has been estimated that during World War II, when individual riflemen were left to their own devices only 15–20% of them would fire their weapon at an exposed enemy target. This was blamed primarily upon the training they received in which they would practise shooting at a bull's-eye. Of course, bull's-eyes don't appear on the battlefield, and after the war the military switched

to human-shaped targets. By the time of the Vietnam War, 95% of the riflemen fired their weapons when the right opportunity arose. Today, the Marine Corps uses a modified version of the first-person action game *Doom* (known as *Marine Doom*) as a training device, along with the traditional live ammunition range targets as a means of normalising killing amongst their personnel. In fact, this has been so successful that the Marine Corps Combat and Development Command in Quantico, Virginia, has evaluated more than 30 commercially available electronic games for their potential use as training tools.

This brings up a very disturbing question. If the US military has acknowledged for decades the success of using human-like targets to normalise killing, what, then, is the effect of the same or similar games on kids, where the objective is the near-indiscriminate killing of "the enemy" using toy guns? With this in mind, the rise of school shootings should come as no surprise.

(*Jhally & Huntemann, 2000; Naisbitt et al., pp. 76-77*)

15) At the forefront of White House thinking is the global command and direction of the world economy through information control. While World War II was still ongoing, "US leadership recognized the centrality of information control for gaining world advantage. Well before most of the world could do much about it, US groups, private and governmental, were actively promoting information and cultural primacy on all continents." US films and television programs are "the primary fare of national systems in most countries. News programs, especially CNN, offer US perspectives, sometimes the only perspective provided, to world audiences. US recorded music, theme parks and advertising now comprise a major part of the world's cultural environment..."

"What is of special interest here, however, is the skillful combination of information instrumentation with philosophic principle—a mix that fuels the push toward concentrated cultural power. Not the laws of chance but strategic planning, rarely identified as such, underlies this development. It has succeeded well beyond the initial expectations of its formulators."

(*Schiller, 1995, pp. 18-19; Allen, 2000, pp. 87, 89-99*)

18) On average, individuals in industrialised nations spend three hours a day watching television—roughly half their leisure time; only to work and sleep is more time devoted. At this rate, someone who lives to be 75 would spend more than nine years of their life just watching TV. Why do we watch so much? In studies, subjects claimed that television was a means of relaxation, as confirmed by electroencephalograph (EEG) readings of brain waves, skin resistance and heart rates of subjects while watching television. However, even though relaxation is associated with TV by the viewers, research has shown that passivity and a lowered level of alertness also correlate. Furthermore, once the television is turned off, the sense of relaxation dissipates rather quickly, but the passivity and lowered alertness remain for a considerable time. "Within moments of sitting or lying down and pushing the 'power'

"What we're witnessing here today is perhaps not only the announcement of a new sort of technological center, but the creation of a military-industrial-media-entertainment complex".

button, viewers report feeling more relaxed. Because the relaxation occurs quickly, people are conditioned to associate viewing with rest and lack of tension. The association is positively reinforced because viewers remain relaxed throughout viewing, and it is negatively reinforced via the stress and dysphoric rumination that occurs once the screen goes blank again..."

Part of the human attraction to television has to do with our biological *orienting response*. "First described by Ivan Pavlov in 1927, the orienting response is our instinctive visual or auditory reaction to any sudden or novel stimulus. It is part of our evolutionary heritage, a built-in sensitivity to movement and potential predatory threats. Typical orienting reactions include dilation of the blood vessels to the brain, slowing of the heart, and constriction of blood vessels to major muscle groups. The brain focuses its attention on gathering more information while the rest of the body quiets..."

In 1986 Byron Reeves of Stanford University, Esther Thorson of the University of Missouri and their colleagues began to study whether the simple formal features of television—cuts, edits, zooms, pans, sudden noises—activate the orienting response, thereby keeping attention on the screen. By watching how brain waves were affected by formal features, the researchers concluded that these stylistic tricks can indeed trigger involuntary responses and 'derive their attentional value through the evolutionary significance of detecting movement... It is

form, not the content, of television that is unique...' Annie Lang's research team at Indiana University has shown that heart rate decreases for four to six seconds after an orienting stimulus. In ads, action sequences and music videos, formal features frequently come at a rate of one per second, thus activating the orienting response continuously."

(*Kubey & Csikszentmihalyi, 2002; Boihem & Emmanouilides*)

22) In August 1999, the US Army signed a five-year, \$45-million deal with the University of Southern California, chosen because of its close proximity to Hollywood, to have the school's movie, special-effects and other technology experts help with troop training, including battle scenarios, virtual-reality combat and large-scale simulations creating settings similar to Operation *Desert Storm*. This partnership is known as the Institute for Creative Technologies. "The digital world, the world of virtual reality...is going to be part of the embrace of this great new cooperative venture," said Jack Valenti of the Motion Picture Association of America. However, according to James Der Derian, Professor of International Relations at Brown University, "What we're witnessing here today is perhaps not only the announcement of a new sort of technological center, but the creation of a *military-industrial-media-entertainment complex*".

(*US Army, 1999; italics mine*)

24) In October 1999, the CIA held a lavish gala film premiere for *In the Company of Spies*, the first spy thriller ever to bear the CIA's stamp of approval. Starring Tom Berenger and Ron Silver,

directed by Tim Matheson (Otter from *Animal House*), written by Roger Towne (who wrote the screenplay for *The Natural*) and produced by David Madden and Robert W. Cort (who is, himself, a former CIA official), it was made directly for Showtime, a subsidiary of AOL Time Warner, the world's largest media corporation... In 2001, three new TV series (*The Agency*, *Alias*, and *24*) and seven films (including *Bad Company*, *The Bourne Identity* and *The Sum of All Fears*) were made with the CIA's approval. (Loeb, 1999; Campbell, 2001, September 6; Patterson, 2001)

25) Hollywood filmmakers and the Pentagon have a long history of cooperation. The Pentagon sees the film industry as an important part of public relations. According to a recently released memo, it said that "military depictions have become more of a 'commercial' for us"—which explains the Air Force's eagerness to be a part of the shortlived 2002 CBS reality series, *American Fighter Pilots*, which followed three men as they trained to fly F-15s; its executive producers were Tony Scott (director of *Top Gun*) and his brother, Ridley Scott (director of *Black Hawk Down*). Due to the enormous expense of military equipment, it makes financial sense for a filmmaker to get military cooperation. However, this often entails the altering of scripts to fit the needs and desires of the Pentagon (i.e., military and government personnel are to be depicted in more positive and heroic ways, American ideologies are reinforced and not criticised, etc.). For example:

- In *GoldenEye* (1995), "the original script had a US Navy admiral betraying state secrets, but this was changed to make the traitor a member of the French Navy".

- Despite having made changes to characters in *Independence Day* (1996), the Department of Defense refused help because "the military appears impotent and/or inept; all advances in stopping aliens are the result of actions by civilians".

- Other films that received assistance from the Pentagon are: *Air Force One* (1997), *A Few Good Men* (1992), *Armageddon* (1998), *The Hunt for Red October* (1990), *Pearl Harbor* (2001), *Patriot Games* (1992), *Windtalkers* (2002), *Hamburger Hill* (1987), *The American President* (1995), *Behind Enemy Lines* (2001), *Apollo 13* (1995), *Tomorrow Never Dies* (1997), and *A Time to Kill* (1996).

- Some films that were denied assistance include: *Apocalypse Now* (1979), *Catch-22* (1970), *Dr Strangelove* (1964), *Full Metal Jacket* (1987), *The Last Detail* (1973), *Lone Star* (1996), *Mars Attacks!* (1996), *Platoon* (1986), and *The Thin Red Line* (1998). (Campbell, 2001, August 29; Weiss, 2002)

28) On February 19, 2002, the *New York Times* reported that the Pentagon's Office of Strategic Influence (OSI) was "developing plans to provide news items, possibly even false ones, to foreign media organizations in an effort to influence public sentiment and policy-makers in both friendly and unfriendly countries".

The OSI was created just after 9/11 "to publicize the US government's perspective in Islamic countries and to generate

support for the US's 'war on terror'. This latest announcement raises grave concerns that, far from being an honest effort to explain US policy, the OSI may be a profoundly undemocratic program devoted to spreading disinformation and misleading the public, both at home and abroad... The government is barred by law from propagandizing within the US, but the OSI's new plan will likely lead to disinformation planted in foreign news reports being picked up by US news outlets".

("Media Advisory: Pentagon propaganda plan...", 2002)

PART II: Corporate Media and Content Control

Freedom of the press is guaranteed only to those who own one.

— A. J. Liebling

37) Before he retired, AOL Time Warner CEO Gerald Levin told MSNBC that his company's Internet division had already helped terror investigators, "apparently providing access to email traffic".

According to Jeff Chester, Executive Director of the Center for Digital Democracy, "there's an implicit *quid pro quo* here...the industry seems to be saying to the administration, 'we're patriotic, we're supporting the war...now free us from constraints'." Although that may or may not be true, on June 2, 2003, the FCC voted 3–2 to relax the rules on media ownership. (Roberts, 2002; Kirkpatrick, 2003)

40) After World War II, Allied forces restricted media concentration in occupied Germany and Japan "because they noted that such concentration promoted anti-democratic, even fascist, political cultures".

In the 1950s, the majority of the American mass media (i.e., television stations, radio stations, film studios, magazine publishers, newspaper publishers, book publishers, advertising agencies, etc.) were owned by more than 1,500 corporations. By 1981, they were owned by fewer than fifty. Today, that number is six: AOL Time Warner, The Walt Disney Company, Bertelsmann, Viacom, News Corporation and Vivendi Universal—with Sony, Liberty Media Corporation and General Electric close behind.

In our current electoral process, "reaching audiences has become the substitute for what used to be called 'garnering constituencies'. Just as advertisers sell products to audiences, political consultants market candidates to those same audiences. In contemporary media-driven elections, program, advertising and film audiences become targeted markets of voters. In the larger sense, citizens are transmuted into consumers, connecting with a media product instead of a political platform".

(McChesney, 2000, p. 61; Nichols & McChesney, 2000, p. 28; Bagdikian, 2000, pp. 21-22; Andersen, 2000, p. 251; Taylor, 2002)

43) News Corporation, the fifth largest media corporation in the world—owner of 20th Century Fox, Fox Television Broadcasting Corp. (including all subsequent Fox channels such as Fox Sports

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Channel, Fox Movie Channel, etc., as well as F/X and The National Geographic Channel), magazines such as *The Weekly Standard*, *Inside Out* and *TV Guide*, newspapers such as the *New York Post* in the US, 22 papers in Australia and nine in England including the *Times*, the *Sunday Times* and the *Sun*, as well as the publishing houses HarperCollins and Regan Books—is owned by Rupert Murdoch. Murdoch has used his media power to nuzzle up to some of the most influential leaders of recent history, including Ronald Reagan, George H.W. Bush, Bill Clinton, Margaret Thatcher and Tony Blair. Or, rather, they have nuzzled up to him. In the case of Tony Blair, in exchange for the support and endorsement of Blair in Murdoch's publications during his campaign, Blair, once elected, was able to change British policy on media ownership to Murdoch's favour.

In fact, Murdoch himself has been quoted as saying, "When you are the monopoly supplier, you are inclined to dictate". (Williams, 2000; "News Corporation", 2003; Jhally, 1997)

45) During the first Gulf War, each of the big three networks had profound financial ties to the war. ABC was owned by Capitol Cities (which is now owned by The Walt Disney Company), whose chair was on the board of directors of Texaco Oil. CBS, at the time owned by Westinghouse, though now owned by Viacom, also owned the RAND Corporation and the Honeywell Corporation, both of which were and are major defence contractors and stood to make a great deal of money out of the war. NBC was—and still is—"wholly owned" by General Electric, which had a \$2 billion weapons contract with the US military, making both the *Tomahawk* and the staggeringly unsuccessful *Patriot* missiles, and it was estimated they'd made hundreds of millions more with the rebuilding of Kuwait after the war. Also, the Kuwaiti royal family were major GE stockholders. General Electric CEO John Welch reportedly once told NBC President Lawrence Grossman, "Remember, you work for GE". (Naureckas, 1991; Williams, 2000; "Corporate Info", 2003; Jhally, 1997)

47) "The simple fact is that in most traditional newsrooms the culture of journalism is to determine the basic nature of a story before assembling all, or even most of, the facts. Just as many theorists develop a working hypothesis before collecting the data, many journalists are used to formulating the angle, or frame, of a story before they interview anyone, read a document, or collect any other facts. Sometimes they are more apt to follow the adage, 'Never let the facts get in the way of a good story'." Why is this? There are many reasons, but a major one continues to be that "the changing economic structure of the television networks has eroded the[ir] newsroom values... Where once a culture committed to great journalism flourished, a culture dominated by MBAs and financial accountability has taken its place. Accountability to shareholders [to make money] has replaced accountability to democracy and the citizens it serves." (Pavlik, "News framing and new media", 2001, pp. 312-314)

51) Think we have free speech in this country? Not if you're on television. Just ask Bill Maher. Soon after the September 11 attacks, Maher, in response to the labelling of the hijackers as cowards, said on his late night ABC program *Politically Incorrect*: "We have been the cowards lobbing cruise missiles from 2,000 miles away. That's cowardly. Staying in the airplane when it hits the building, say

what you want about it—it's not cowardly." Less than a week later, his show was cancelled.

(Armstrong, 2001, September 20, 27; "Maher tapes final episode...", USA Today, 2002, June 29; Hirszen, 2002, March 15)

52) During a March 10, 2003 concert in London, the Dixie Chicks' lead singer, Natalie Maines, told her audience: "Just so you know, we're ashamed the President of the United States is from Texas!" As a result, there have been many organised boycotts across the nation. Clear Channel, the largest owner of radio stations in the US (more than 1,200), pulled the Dixie Chicks from their stations' play lists. Clear Channel is also involved with organising grassroots demonstrations in favour of the war and against anti-war voices. The company's Vice Chair, Tom Hicks, is a member of the Bush Pioneer Club for elite—and very generous—campaign contributors, and was once the Regent of the University of Texas. During that time, he "was responsible for granting endowment management contracts of the newly created [under legislation signed by then Governor George W. Bush] UT Investment Management Co. (UTIMCO). The contracts were given to firms politically connected to both Hicks and Bush, including the Carlyle Group—a firm which has the first President Bush on the payroll..."

Along with the 1,200+ radio stations, Clear Channel also owns 36 television stations and 41 amphitheatres, and annually puts on more than 26,000 stage shows including concerts, Broadway productions, touring productions, and sports and motor events.

(Ali, 2003; Fitzgerald, 2003; "Corrected", 2003; Nichols & McChesney, 2003; "Radio ga ga", 2003; Clear Channel, 2003)

PART IV: Journalism and the Threat to the First Amendment

Three hostile newspapers are more to be feared than a thousand bayonets.

— Napoleon Bonaparte

105) In 1970, Peter Dale Scott, a professor of English at UC Berkeley, published *The War Conspiracy*, a scathing investigation



of the CIA and oil companies and their manipulation of US foreign policy in order to escalate the Vietnam War for their own ends. Before the book could be made public, however, the CIA intervened and successfully stopped its release. (Scott, *The War Conspiracy*, n.d.)

109) Vladimir Pozner is a Parisian-born Soviet commentator and an international television celebrity who was one of the Soviet Union's leading interpreters of *glasnost* and *perestroika* and is currently serving as the President of the Russian Academy of Television.

In his 1990 autobiography, he had this to say about the art of journalism: "...the realities of journalism don't involve just facts, for, if they did, computers would replace journalists. Journalism always involves choices—choices among subjects, treatment, words. As a result, the claim of objective reporting functions simply to camouflage what is in fact a value-laden activity. It is not only the readers who are misled by the claim. The journalists, too, can be blinded by their own cover."

In a March 2003 interview with the Russian newspaper *Pravda*, Pozner asserted that, in his view, current Russian television is more liberal and more free than American TV. Furthermore, he posited that as far as television was concerned, "it is the USA that has the least freedom of speech amid other democratic countries at the moment". (Pozner, 1990, pp. 187-188; "Vladimir Pozner", n.d.; Pozner & Novikova, 2003, March 19)

111) Gary Webb is a highly decorated journalist. In a career that spanned more than 19 years, he was the recipient of more than 30 awards for his journalistic prowess, including the Pulitzer Prize in 1990, the H.L. Mencken Award from the Free Press Association in 1994, and the Media Hero's Award in 1997.

In 1996, he wrote a series of articles, entitled "Dark Alliances", which revealed how a "US-backed terrorist army, the Nicaraguan Contras, had financed their activities by selling crack cocaine in the ghettos of Los Angeles to the city's biggest crack dealer. [It] documented direct contact between drug traffickers bringing drugs into Los Angeles and two Nicaraguan CIA agents who were administering the Contras in Central America. Moreover, it revealed how elements of the US government knew about this drug ring's activities at the time and did little, if anything, to stop it. The evidence included sworn testimony from one of the drug traffickers—a government informant—that a CIA agent specifically instructed them to raise money for the Contras in California." His article was posted on the website of the newspaper he worked for—the *San Jose Mercury News*—and was quickly read by people all over the world, getting as many as 1.3 million hits in a single day.

The fallout from this was immense, with the country's three largest newspapers—the *New York Times*, the *Washington Post*, and the *Los Angeles Times*—putting out stories on Webb, rather than his article. "Never before had the three biggest papers devoted such energy to kicking the hell out of a story by another newspaper." Why? "Primarily because the series presented dangerous ideas. It suggested that crimes of state had been committed. If the story was true, it meant the federal government bore some responsibility, however indirect, for the flood of crack

that coursed through black neighbourhoods in the 1980s..." (Edwards, 2003; Webb, 2002, pp. 306, 309)

112) In February 2000, the Dutch newspaper *Trouw* and France's *Intelligence* newsletter reported that the US Army's Fourth Psychological Operations (PSYOPS) Group at Fort Bragg, NC, worked in the news division at CNN's Atlanta headquarters during the end of the 1999 Kosovo War.

"In the 1980s, officers from...PSYOPS...staffed the National Security Council's Office of Public Diplomacy (OPD), a shadowy government propaganda agency that planted stories in the US media supporting the Reagan Administration's Central America policies. A senior US official described OPD as a 'vast psychological warfare operation of the kind the military conducts to influence a population in enemy territory' [*Miami Herald*, July 19, 1997]..." ("Action Alert", 2000; Cockburn; "Media Advisory", 2002; Fisk, 2003, February 25)

114) In an impressive collection of news reports, Fairness & Accuracy in Reporting (FAIR) showed that, in 1998, ABC's *World News This Morning*, NBC's *Today*, Associated Press, the *Los Angeles Times*, National Public Radio, CNN, *USA Today*, the *New York Times*, the *Washington Post* and *Newsday* all reported the fact that the UN weapons inspection teams were removed from Iraq by order of the UN. However, four years later, every one of those sources reported that Saddam had forced the inspectors out. Did they forget their own reporting or were they consciously assisting the United States government as out-

lets of propaganda by effectively re-writing history in a way that aided the Bush Administration's war aims? ("What a difference four years makes...", 2002)

120) In order for reporters to become "embedded", they must sign a contract with the government that explicitly requires them to "follow the direction and orders of the government" and prohibits them from suing for injury or death, even where this "is caused or contributed to" by the military. They are almost completely controlled by the military and "agree to give up most of their autonomy in exchange for access to the fighting on military terms". Since the war began, the British populace in general has become more supportive of the war, and of that, British Minister of Defence Geoff Hoon said that "the imagery they ["embedded" reporters] broadcast is at least partially responsible for the public's change of mood". At the end of March 2003, Hoon stated that "One of the reasons for having journalists ["embedded"] is to prevent precisely the kind of tragedy that occurred to an ITV crew very recently when a...journalist was killed essentially because he was not part of a military organisation". ITN reporter Terry Lloyd and two of his crew (cameraman Fred Nerac and local translator Hussein Othman) were killed by "friendly fire". (Miller, 2003, April 3; "Missing ITN crew...", 2003, March 23)

121) Patrick J. Sloyan, who covered the 1991 Gulf War as a *Newsday* correspondent, recently wrote: "When the air war began

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Continued on page 74

TRANSDIMENSIONAL HEALING WITH THE ADAM TECHNOLOGY

A controversial device and computer program, facilitating a communication exchange between dimensions, is having promising results in the treatment of autism, autoimmune diseases and stress-related illnesses.

by Joe Champion, PhD © 2003

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A Revolutionary Healing Connection

At any given time in the history of the advancement of science, the overwhelming majority of scientists hold the belief that the understandings they believe and teach are correct. While professing to be open-minded and academically honest, they resist, deride and ridicule any new development or theory that does not conform to their orthodox, preconceived version of reality. This has been true throughout history and it remains true today.

Occasionally a new discovery is made that shakes the foundations of the currently accepted state of science. Each time a new paradigm of understanding is introduced, it is resisted and ridiculed until the overwhelming weight of truth forces acceptance. It is then incorporated into science and defended as being the absolute truth, until the next truth comes along and shakes the foundations.

This is the current state of affairs regarding the ADAM technology. ("ADAM" is an acronym for "Aphysical Dimensional Access Manager".) It is based in physics, in mathematical formulation that breaks the bonds and limitations of the currently accepted physical model. The physics and mathematics of the ADAM technology incorporate and recognise the reality of the multidimensional universe.

In 2001, after 16 years of development, the ADAM technology found a niche in successfully assisting people who suffer from autism, autoimmune disease, fibromyalgia, migraine and similar issues.

The ADAM technology is implemented in two parts. One is the ADAM machine itself; the other is a computer (and the program in the computer) that is interfaced to the ADAM machine. The ADAM machine opens a dimensional rift, allowing direct communication between the machine and the other dimension. A liquid plasma that is at the centre of the machine facilitates the communication between the dimensions. A unique electromagnetic field that surrounds the plasma allows for some portion of it to become "non-local" through the dimensional rift. The communication between the local and the "non-local" plasma is the communication link between the dimensions. One platinum and several gold probes inserted into the plasma measure changes in frequency and voltage several thousand times per second. The measurements from the plasma are fed into the computer program that performs monitoring and control functions in the plasma cell.

The communication link established between the dimensions allows for bi-directional communications. Information is sent and received across the dimensional rift. As an analogy of what is taking place, envision the connection across the dimensional rift as similar to a poor cellular telephone connection that is somewhat scratchy and noisy. By repeating the data many times, effective communication is achieved.

When the link is established across the dimensional rift, instructions are given to locate and communicate with the "non-local" portion of the subconscious mind of an individual. This portion of the process usually takes just a few seconds. Throughout the duration of the connection with the "non-local" subconscious mind, there is a constant stream of information being passed back and forth across the dimensional rift.

The information being sent from the computer contains instructions for the physical improvement of the individual. The information being received is converted through a complicated mathematical algorithm into numbers and a graphic representation of the strength and effectiveness of the connection with the "non-local" subconscious.

The method of operation of the ADAM technology interface may appear to many people to be some kind of metaphysical doublespeak. There is nothing in anyone's prior

experience that allows the mind to associate the method of operation with anything that makes it seem reasonable or logical.

The Science behind the ADAM Technology

Dr Nataliya Dobrova, Director of Parapsychology with the Galaxy Wave Group, writes:

"We consider each person as a complex emotional bio-energy information system: a microcosm that reflects a macrocosm—the universe. All of a person's organs and systems have their own electromagnetic rhythms. Disharmony in this rhythmic activity signifies disease. Disease or illness appears when the person cannot maintain the balance between harmonic and disharmonic fluctuations. This imbalance is closely connected with structural or functional problems found in a person's organs or systems. If one can restore the person's own rhythmic harmonies to a sick organ, one can restore the proper functions to that organ.

"The ADAM technology is exceedingly efficient at creating and controlling non-contact magnetic-resonance fields or vibrations. All material consists of atoms and molecules, but each material has its own phononic resonance. The electromagnetic resonance of the ADAM technology can create or mimic these resonances. The delivery of electromagnetic resonance is very efficient, occurring nearly instantly at any point in the universe without any loss of energy.

"Before and during an ADAM session, the technician gathers the genetic information of the person, their medical history and bio-energetic information and enters this information into the program. Then ADAM polarises the elementary particles of the client's brain and converts the ensuing electromagnetic resonances into the appropriate neuropeptides and endorphins. Neuropeptides act as neurotransmitters and hormones and therefore can cause positive changes in the person's body.

"During this process, an essential increase in the amount of information in the brain per unit of time occurs. The more information the brain is capable of receiving during an ADAM session, the more activity will occur in the brain's functions: speech, vision, memory, motor function, etc. This raised activity of the neuropeptides causes increased resistance to disease. Neuropeptides are able to restore many functions to the organs and systems of the person by bridging the gaps between neurons (blood, lymph, cerebrospinal liquid, etc.)."

ADAM Sessions and Programs

ADAM sessions can be Internet or telephone based. With the Internet-based programs, the client sits in a quiet room where there is a computer and turns off all other electromagnetic instruments/devices before accessing the ADAM Internet program. As soon as visual contact is established with the program, the person's brain starts receiving positive information for their recovery. Signals are sent that control the brain's biochemical and physical processes. Special harmonic music played during the session promotes a more efficient reconstructive process. A similar process occurs during telephone-based

sessions. However, as the Internet is not required, there is no visual component to the therapy. Telephone-based ADAM sessions are conducted by trained technicians. Diagnostics and corrections are made to the person's bio-energy balance on four levels: emotional, cellular, energetic and bio-energetic.

It is useful to note that ADAM technology combines well with other treatments such as pharmacological therapy, massage, homoeopathy, etc. Therapeutic effects reported include immune-modulating, vascular, anti-inflammatory, analgesic, blood-normalising blood, homodynamic, neurological, metabolism normalising, anti-allergic, anti-swelling, hormonal status normalising, anti-stress, and more.

There is no requirement that a person understand or believe that the explanation of the operation of ADAM technology is true or even possible.

As of July 2003, there have been about 1,300 people who have used the ADAM technology in approx. 18,200 sessions. Of those, about 90% have reported significant improvements and/or complete remission or elimination of the problem that led them to using the ADAM technology.

The ADAM Program for Autism

In May 2002, we started to work with five autistic children in the United States. It was an extremely difficult time, as we immediately discovered a complexity to the minds of these children. This first test assisted four of the five children. The fifth child is still in the ADAM program and we are presently observing progress. All sessions in the first test were conducted by telephone.

On 15 December 2002, the Galaxy Wave Group officially launched a controversial program aimed at returning autistic children from their world to ours. The knowledge gained from the initial program was sufficient for the Group to launch a new program, the ADAM Autistic Automated Internet Interface. It allows for the autistic child to be connected with the ADAM technology without the need for a

counsellor being on the telephone with the child.

In the original ADAM program, we dealt with each person on a one-on-one basis. With the development of the new program, we integrated the human interface with the computer. This is working successfully in more than 60% of cases. However, there are some children who require one-on-one sessions combined with the automated program.

We continue to make additions and improvements to the ADAM automated program. Most parents who recently enrolled their children have reported being amazed at the positive changes that occurred during the first few days of the program.

The Holographic Universe

Certain discoveries in physics have changed the way we view reality and have helped pave the way for the development and acceptance of the ADAM technology.

At the University of Paris in 1982, physicist Alain Aspect and his team discovered that, under certain circumstances, subatomic

**In 1982, physicist
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such as electrons are
able to communicate
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**It doesn't matter whether
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10 billion miles apart:
somehow, each particle
always seems to know
what the other is doing.**

particles such as electrons are able to communicate instantaneously with each other, regardless of the distance separating them. It doesn't matter whether they are 10 feet apart or 10 billion miles apart: somehow, each particle always seems to know what the other is doing.

The problem with this feat is that it violates Einstein's long-held tenet that no communication can travel faster than the speed of light. Since travelling faster than the speed of light is tantamount to breaking the time barrier, this daunting prospect has caused some physicists to try to come up with elaborate ways to explain away Aspect's findings. But it has inspired others to offer even more radical explanations.

University of London physicist David Bohm, for example, believes Aspect's findings imply that objective reality does not exist; that despite its apparent solidity, the universe is at heart a phantasm—a gigantic and splendidly detailed hologram.

On the ADAM Technology website (see <http://www.adamtechnology.net/>), there is a discussion of the technical operational details of the ADAM technology. However, the technology's theory of operation is based upon the reality that God is real, that each individual incorporates spirit and soul, and that there are more dimensions to the universe than we are able to perceive using the ordinary senses.

The great struggle of science in general, and physics in particular, is to understand and reduce to mathematical equations the multidimensional holographic universe that was created by God.

Every living thing in the universe is related to all other living things. Every element is related to every other element in this dimension and the elements in the other dimensions.

There *is* such a thing as "universal consciousness". It has been known and recognised by mystics and enlightened individuals

since the beginning of time and throughout the history of our world.

The author has discovered the mathematics of new physics that joins the accepted present-day physics of our limited physical reality with the multidimensional reality of the holographic universe. The ADAM technology is the mathematics and the physical devices that incorporate, use and demonstrate this new understanding of reality.

About the Author:

Joe Champion, PhD, is the scientist who originated the ADAM technology and is Director of Science for the Galaxy Wave Group. To date, he has performed and supervised several thousand sessions with the technology, wherein hundreds of people have discovered a better and healthier life. Numerous testimonials have been posted at his website.

Dr Champion is an Academician of the International and European Academy of Informatisation and holds a Doctorate of Eniopsychology Sciences (universal psychology) from the Czech Academy of Informatiology. He holds a Bachelor of Science degree in Electrical Engineering with advanced studies in Physics from The Cleveland Institute, USA (1966). He has been studying the "dimensional science" phenomenon since 1987 and has done much research in the field of elemental transmutation. His work has been published in many journals and he has written seven books on his findings.

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ENZYME NUTRITION THERAPY

Eating enzyme-rich raw foods and supplementing the diet with plant enzymes is our best insurance in preventing and treating disease and promoting health and longevity.

Part 3 of 3

by Mark Rojek © 2003

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ENZYMES AS THERAPEUTIC TOOLS IN HEALING

Since ancient times, enzymes have unknowingly been involved in treating human ailments. Food consists of protein, carbohydrates, enzymes, fat and fibre, minerals and vitamins. While the properties of enzymes have largely been unknown until recently, results were witnessed and associations of health or disease were made between various plant and animal substances. The healing properties of herbs are primarily attributed to alkaloid or other chemical properties that trigger a response in the body. Invariably, the chemistry of herbs affects metabolic enzyme pathways. The unique substance either inhibits an enzyme or stimulates another to change body chemistry. Some plants have unique essential oils capable of inhibiting or destroying pathogenic micro-organisms due to the disruption of some enzymatic pathway of the organism.

Observations of the few (medicine men, shamans and later monks) gave them a certain power over the rest of the population who could not identify which plants caused the healing. This was reserved only for the tribal healer and passed on to the favourites within the tribe. The use of hallucinogenic plants was often employed by shamans to elicit the wisdom from the spirit world to aid in the cure of the person. In today's world of organised medicine, control over one's health is still largely in the hands of the elite few and knowledge is kept from the populace. Contrary to the enlightening herbs of the shaman, a moderate number of health care workers become addicted to or self-medicate with pharmaceutical drugs or turn to alcohol to help relieve stress involved in their profession.^{1,2,3}

Within the realm of natural medicine, old and new alike, therapies abound. Everything from acupuncture, botanicals and nutrition to homoeopathy and, more recently, "energy medicine" is available to the average patient. Regardless of the modality chosen, what remains to be understood is that in every case *the healing can only occur if the body has enough metabolic enzymes to do the work*. Enzymes do work. Work in this case denotes the ability to initiate, alter, speed up or slow down biochemical processes. It indicates having the capacity to break apart or join components together synergistically to change their original structure and function. Food is broken down during digestion and made into smaller components which are then utilised in the body for structure and function. Protein is rendered into amino acids and smaller peptides. These can be used as neurotransmitters for proper brain function. Certain amino acids are used for energy, mineral transport and repair of tissue.

Nutrition, as defined by *Webster's Third International Dictionary of the English Language*, is "The science of food and the processes by which the organism ingests, digests, absorbs, transports, utilizes and excretes food substances". All too often, this definition is forgotten in the field of nutrition. Nutrition today is practised in much the same way as the pharmaceutical drug approach: for every symptom, there must be a deficiency; simply give the mineral or vitamin and the signs will go away. One of the most common assumptions in both allopathic and complementary medicine is that the patient's digestive system is working fine. Unless the patient complains of heartburn, gas, bloating, belching or pain in the abdomen, doctors assume no problems. Divergent to this is the approach Dr Loomis took in his research into enzymes.

Diet, Digestion and Detoxification

When Dr Loomis began his exploration into the benefits of enzymes in restoring health, he knew the starting point had to be with diet and digestion. The dramatic increase in obesity, cardiovascular disease and diabetes in Western societies is evidence of the simple

fact that people eat too much. It also reveals signs of chronic enzyme deficiencies. The combination of simple carbohydrates, fats and sugars found in "fast food" are the major contributing factors to the above disease conditions. Food is much more than just a quick fix for energy. Food is responsible for tissue repair and growth, hormone production, eyesight and immune function. Through protein neurotransmitters, food, or the lack of it, affects our feelings, thoughts and behaviour. In her groundbreaking book, *Molecules of Emotion*, Dr Candace Pert recounts her discoveries of several biochemicals involved with emotions.⁴ The body requires "raw material" from which to produce these biochemicals. Food is the raw material in the form of protein, fats and carbohydrates.

We must appreciate the dynamics of our body's internal environment—the intracellular and extracellular fluid—in order to understand other complications as the result of poor digestion. Intracellular fluid is found inside the cell and is not constant; it changes due to the extracellular fluid—the fluid outside the cell. Intracellular fluid represents about 66% of the water found in the body. Extracellular fluid roughly makes up the other 33% of the body's water. It serves as a means of transport for nutrients and waste products from normal metabolism. The extracellular fluid needs to remain reasonably stable regarding volume (amount of water), temperature, acid-alkali balance (pH) and levels of nutrients (protein, cholesterol, minerals, glucose) to nourish the cells.

The body continually identifies deficiencies and excesses of specific nutrients or metabolic waste products. All attempts are made to rectify any imbalance by changing the chemistry. The hypothalamus is the only part of the brain not isolated by the blood-brain barrier. This barrier shields fragile tissues of the brain from changes in

the body's extracellular fluid. It monitors the body's chemistry 24 hours a day, seven days a week. It reads the slightest alteration in the blood, then quickly sets about to make the necessary changes to maintain homeostasis (balance). The chemistry of the blood is largely determined by what we consume. Food and drink comprise varying combinations of proteins, fats, carbohydrates and fibres, enzymes, vitamins and minerals. It is all about chemistry. The hypothalamus must ascertain how to keep the body in balance despite the type of food consumed. The sort of balance necessary for optimal health for one person may not be the same for another. Indeed, most often they can be radically different. As Shakespeare wrote, "One man's meat is another's poison".

If you cannot completely digest what you eat, several things may happen.

- Firstly, the undigested food remnants pass through the brush-border of the intestinal tract into the blood and lymphatic systems. White blood cells are stimulated to find the offending material and finish breaking it down. This is known as *digestive leukocytosis*. It is an automatic response every time you eat cooked/processed food. It was thought to be a "normal" reaction to eating, ever since the early 1800s. However, it was shown to be an unnatural response in the 1930s by Dr Paul Kautchakoff.⁵ He proved by careful monitoring of patients' blood that only cooked—not raw—foods caused the reaction.

- Secondly, the body may begin to consume more than is necessary. Overeating is one way of compensating for

deficiencies of nutrients. The deficiencies are not due to the conscious restriction of a particular food. As stated previously by Dr Howell, *cooking food destroys all enzymes*, thus food will not be entirely broken down into the micronutrients necessary for cellular utilisation. It is like taking something the size of your house down to the size of a grain of sand in order to get inside the cell to nourish it. Enzymes are the only material capable of splitting food into usable nutrients. Given that undigested food cannot adequately nourish cells, the brain will direct the person to eat more of something to make up for what the body did not get from partial digestion. When this happens over long periods, weight gain occurs with continued loss of metabolic enzymes.

Food cravings are another sign of incomplete digestion. What we crave tends to be the food we do not digest very well. The hypothalamus dictates what we eat based on the chemistry of the blood. So when we eat a particular food and have cravings for it later, it is a sign we did not digest it very well. We will continue to eat more of it because there is something in that food we need but did not get. It has been suggested we are craving the enzymes inherent in that food before it was heated. Those enzymes we are chronically missing normally would be found in the food we

crave. Dr Howell noted that animals fed cooked/processed food often resorted to eating their own faeces. He found it was to replace the food enzymes lost in the cooking process.

The enzyme amylase is a good example of the above. Amylase is one of the major carbohydrate-digesting enzymes. It is found in the kernels of grains and in starchy vegetables. By cooking those foods, amylase is destroyed and our body must secrete amylase from other organs, such as the salivary glands. Amylase is known as an IgG histamine blocker. It stabilises the mast cells and basophils that

release histamine at the start of inflammatory conditions. One could say amylase is the body's own natural antihistamine. Antihistamines are prescribed for allergies, dermatitis and other histamine-type reactions. It has been observed clinically that people who eat excessive amounts of simple carbohydrates most often are those with histamine-related health problems—airborne allergen reactions, allergic reactions to insect bites and bee stings, sinusitis and other eye-, ear- and nose-related health issues. Sinus or frontal headaches are frequently associated with chronic amylase deficiency.

In Western society, patients with fibromyalgia tend to have a history of excessive intake of refined carbohydrates. Aside from the occasional discussion, there is little distinction made in the general media between simple and complex carbohydrates. People choose what is convenient. The fast food industry is based on this notion of convenience. However, when closely examined, most of what is considered convenient has detrimental effects on our health. The excessive consumption of carbohydrates will cause chronic depletion of amylase. This may result in the typical histamine conditions and pain found in fibromyalgia.

It is also thought fibromyalgia is related to excessive waste in the body. Undigested remains of disproportionate carbohydrate consumption can accumulate in tissue, since the body cannot eliminate it properly. This might partially explain the patient response to palpation at several lymphatic trigger points when being diagnosed. The lymph system removes waste from the

Food cravings are another sign of incomplete digestion. What we crave tends to be the food we do not digest very well.

body. Yet, this will not occur very well when too much food is eaten, causing a virtual backing up of the "plumbing". Using highly concentrated enzymes with patients who have histamine reactions alleviates the response within a very short time and without the side effects associated with conventional antihistamines.

• Thirdly, undigested food allows parasites and other pathogenic micro-organisms to live off the waste inside the body. Incomplete digestion allows bacteria to ferment carbohydrates and putrefy protein, giving off gas. The bloating that occurs after meals is the result of this. It is trapped gas, unable to move through the colon. The accumulation of undigested food in the intestinal tract leads to *intestinal toxæmia*. It is also known as *indicanuria* and is responsible for a number of health-related problems.

Eliminating Nutritional Stress

In the field of enzyme nutrition therapy, it is not just a matter of supplementing with concentrated enzymes. It is equally important to make the necessary dietary modifications limiting the intake of those foods known to be dietary stress factors for each individual patient. This is determined through a 24-hour urinalysis and Digestive Challenge Test® as developed by Dr Loomis. It is believed that the only real disease is stress. It is how the body reacts to stress that determines what signs and symptoms of disease manifest in the body. Within Dr Loomis's system, we work with the following:

- Modifying diet to reduce dietary stress factors;
- Greatly improving digestion through intake of plant-based enzymes;
- Improving bowel elimination by nutritionally supporting those organs involved;
- Stopping or reducing inflammation;
- Improving immune function with concentrated enzymes;
- Supporting the autonomic nervous system with acidic/alkaline minerals;
- Nutritionally supporting the endocrine system for proper hormonal production.

There is a type of domino effect involved here. By improving dietary intake, you eliminate nutritional stress. Using plant-based enzymes with meals, the nutrients from food will be better digested, transported and utilised and waste will be more easily eliminated. When food is more completely digested, the body gets the nutrients rather than the pathogenic organisms.

Improving bowel elimination ensures a reduction in toxins being re-absorbed through the bowels back into the blood and lymph systems. This also prevents unwanted growth of pathogenic organisms.

Inflammation can be caused by irritation from undigested food both within the gut and in its passage into the surrounding tissue. *Leaky gut syndrome* is the current name given to this phenomenon. The one area where enzymes show consistent results is in reducing inflammation. Well-documented studies indicate enzymes resolve inflammation and pain in half the

normal time.^{7,8,9} If chronic inflammation exists anywhere, the body develops stress in its attempts to resolve it. Over time, this exhausts the adrenals and our immune system, making it easier for detrimental outside influences to affect the body adversely.

Enzymes in Cardiovascular Disease

Cardiovascular disease is the leading cause of death in the Western world. It is amazing that the dietary link still evades the medical community. Doctors pay lip service to a "healthy diet" and exercise as preventive measures. Dietitians have even worked out a "food pyramid" to help us make wise eating choices. Yet, in spite of the best intentions, the death rate continues to rise and there is no chance of its diminishing in the near future based on the models we have. The food industry "fortifies" food with

Symptoms of indicanuria (intestinal toxæmia) ⁶

• Skin–Hair–Nails

Dermatosis
Eczema
Psoriasis

• Eyes–Ears–Nose–Sinuses

Diseases of nasal accessory sinuses
Diseases of middle and internal ear
Eye strain

• Cardiovascular System

Tachycardia
Cardiac arrhythmia
Migraine

• Genito-urinary System

Foul odour to urine

• Mouth–Throat

Halitosis
Body odour

• Respiratory System

Asthma

• Endocrine System

Breast pathology
Eclampsia
Thyroid goitre

• Musculoskeletal System

Arthritis
Low back pain and sciatica
Fibromyalgia and myofascitis

• Gastro-intestinal System

Gas and bloating
Constipation/Diarrhoea
Crohn's disease
Food allergies
Foul stool odour
Gastritis
Heartburn
Hiatal hernia
Inflammatory bowel disease
Ileocaecal valve problems
Malassimilation
Weight loss

• Nervous System

Depression and melancholy
Epilepsy/seizure disorders
Excessive worry and anxiety
Incoordination
Irritability
Lack of confidence
Loss of concentration and memory
Schizophrenia or senility
Sensory polyneuritis

some 11 "essential" nutrients including B vitamins, calcium, magnesium, potassium, iron and sodium. Yet, the very substances that would digest the food are deliberately left out, destroyed for the sake of extended shelf life.

At the beginning of the 20th century, the transportation of food across a continent posed serious problems. How could a company ship raw, uncooked food without spoilage? The answer was to find a way to process the food and ship it without rotting. In the early 1900s, salicylic acid (aspirin) was used because it "prevented the action of enzymes (unorganised ferments), like diastase, emulsion, and that of mustard, also gastric digestion, fermentation by yeast, ammoniacal fermentation of urine and the germination of seeds".¹⁰ In other words, salicylic acid was "distinctly antagonistic to most enzymes".¹¹

So as early as 1903, aspirin was known to affect enzymes. It was used in this way to preserve food for extended shelf-life. As newer techniques for extending the shelf-life were discovered, aspirin was discontinued. Is it not puzzling, then, knowing how aspirin destroys most enzymes, that many patients are told to take aspirin in the prevention of heart disease? From the same reference, it is stated that salicylic acid "has a disintegrating action on the blood corpuscles". The blood-thinning properties of aspirin result from the fact that it destroys red blood cells, causing fewer of them to be found in the bloodstream!

The medical explanation of cardiovascular disease fails to explain the picture fully because it is missing the major piece of the puzzle. Medical research is funded with billions of dollars to find the "cure". In spite of this, triple-bypass surgery is covered by insurance while the advice and wisdom of nutritionists is not. Prevention is not practised because it does not bring in the revenue that surgery, radiation and drugs do.

Much attention is paid to markers of potential heart disease. The category of lipoproteins is a good example. *Lipo* means "fat", and protein is self-explanatory. The four principal classes are: high density (HDL), low density (LDL), very low density (VLDL) and chylomicrons. Chylomicrons are dietary triglycerides. VLDLs are endogenous (from within the body) triglycerides, while LDL and HDL are both endogenous cholesteryl esters. Lipoproteins are necessary for the transport of lipids (fats). We are told it is healthy to have relatively high HDL levels, but should have low cholesterol (LDL), VLDL and triglyceride levels.

The endogenous group of lipoproteins is manufactured within the body, but the raw material is still derived from the fats and proteins we consume. Food must be digested in order for the body to utilise it. The abnormal accumulation of lipoproteins in the blood in a small percentage of the population represents an autosomal dominant genetic trait. But in the majority of people with cardiovascular issues, it is evidence of incomplete digestion of fats and protein—accompanied by the fact that people simply overeat. How can the body properly eliminate unused fats and protein when there simply is too much being taken in? The body must hide or store this unusable waste. Some of it is stored in tissue and some of it circulates. When the kidneys and colon cannot eliminate enough waste, the skin compensates. The skin is the largest eliminative organ. Skin eruptions are the attempts to rid the body of waste.

Unfortunately, what circulates begins to adhere to the walls of the blood vessels, clogging them up. Macrophages are summoned to remove this accumulation, but cannot do so without an adequate supply of enzymes. Enzymes produced by the macrophages for their immune function are believed to be shifted to digesting the cooked food. Obviously, this prevents the breakdown of lipoproteins which continue to build up. Foam cells associated with atherosclerosis are formed when overaccumulation of fats occurs in macrophages.^{12, 13, 14, 15}

Why has no one asked how this accumulation occurs? What is the bigger picture? It is this author's opinion that the accumulation transpires because cooked foods are not completely digested in the stomach. These undigested remnants cross the intestinal border into the blood and lymph, circulating throughout. Over time, their accumulation leads to damaged arterial tissue. Macrophages cannot break down the lipoproteins due to the exhaustion of their own enzymes. Eating cooked fats demands enzymes digesting them. Cooked foods must be broken down, even at the expense of the cardiovascular system. This daily assault of cooked foods drains lipase from many sources, especially the immune and lymph systems.

Plant enzymes taken before meals completely digest food. Therefore, no remnants can cross over into the blood. Having prevented further accumulation of undigested food, one can focus on removing the accumulated material. Enzymes taken in between meals are taken up by the body and sent to work in areas that need them the most. Enzymes will digest the undesirable lipoproteins in the blood vessels without affecting the vessels themselves. Reversal of cardiovascular disease is a matter of improving digestion and modifying dietary stress factors—in this case, fats and proteins.^{16, 17, 18, 19}

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Enzymes and Immune Function

When metabolic enzymes have been constantly drained from other organs and systems (particularly the immune system) to digest cooked food, there will be little left during an immune crisis, as in fever. Regrettably, sometimes the temperature from a fever rises too rapidly, causing great distress, such as seizures in children. If there is the risk of febrile seizure in a child, suppressing the fever with drugs such as ibuprofen or acetaminophen initially may be the wise thing to do; but these drugs are known to suppress immune function. Thus, preventing a febrile seizure first and then enhancing immune function through natural means would ensure a speedier recovery. *Consulting a physician is advisable in this case.* Someone not prone to febrile seizure may be carefully monitored to allow a fever to take its course but

should be given plenty of fluids. Supplemental proteolytic (protein-digesting) enzymes enhance immune function, helping to destroy pathogens. These may help put an end to a fever more rapidly, significantly boosting immune function by destroying the offending pathogen.

Drinking sufficient water helps keep in check the "fire" induced by a fever. It also provides necessary moisture for enzymes produced by immune cells to defend the body. During a fever, extreme hot or cold weather conditions and strenuous exercise, enzymes are used up at a much faster rate. Becoming dehydrated due to decreased water consumption over time and the use of dehydrating agents such as caffeine and alcohol may make it more difficult for the body to resolve many of the health crises. It is believed that using supplemental enzymes during a fever augments available enzymes from white blood cells to destroy foreign micro-organisms rapidly. Taking exogenous enzymes during

a fever can dramatically improve immune function, resolving a fever more quickly.

A fever's typical temperature range of 99–105°F [37.22–40.56°C] is at the high end of plant enzymes' optimal temperature range. Throughout a fever, enzymes in blood and tissue increase as defence mechanisms and for the removal of waste. Moreover, they are used up at a much faster rate. A fever is the body's way of destroying pathogenic micro-organisms through heat and increased enzyme activity.

Phagocytosis is a process where macrophages surround and engulf pathogens. They secrete enzymes which digest the invading pathogen. Referring to digestive leukocytosis, when cooked food remnants cross the brush border of the intestine into the blood, leukocytes are activated to find and finish digesting those food components in the blood. When this occurs repeatedly over time and from one generation to the next, the results are compromised immune systems. This is due to the loss of enzymes from white blood cells, which sacrifice them for digesting the food we eat. Note that Dr Pottenger's cats study showed an increase in disease from one generation to the next, and that cancer rates have continued to soar despite the "War on Cancer".

After researching library archives on the clinical use of enzymes as far back as the early 1900s, specifically the work of Dr John Beard and later that of Dr Howell, this author cannot help but ask the following questions: What if one of the pancreas's chief roles is that of an "immune" gland as well as a digestive one? What if Dr Beard's observations of the pancreas-producing enzymes destroying pre-cancerous cells (trophoplasts) are correct? One study investigated the stimulation of "digestive enzymes" of the pancreas of rabbits after exposure to histamine.²⁰ Histamine is one of the major components of the inflammatory response in mammals.

Is it possible that the term "digestive enzymes" in this case is incorrect? Are enzymes produced by such a reaction necessarily digestive, or are they responding to resolve the inflammation? Enzymes are known to speed the process of inflammation, thereby resolving it more rapidly.^{21, 22, 23, 24, 25} If the pancreas responds to histamine by producing enzymes, could they be for healing the damaged tissue and stabilising the mast cells and basophils that released the histamine in the first place?

Proteases (proteolytic enzymes) are known to mediate the defence mechanisms of the body and maintain homeostasis. It is theorised that proteolytic and other enzymes work in two ways as part of the body's immune system. Firstly, orally ingested enzymes are believed to be marked by the body as "self" and, like the character in the video game "Pac-Man™", are capable of digesting foreign proteins in the body that are "not-self". This would include foreign protein in the form of undigested food remnants, bacteria, viruses and other micro-organisms. Secondly, exogenous enzymes taken away from food are thought to be absorbed across the intestinal lumen and transferred into the blood, where white blood cells uptake them to be used in a variety of activities.

Numerous studies have been conducted in enzyme research that point to the benefits of exogenous enzyme therapy in many immune system-related diseases. Allergies, cancers, so-called auto-immune diseases, HIV and other viral diseases, bacterial infections and fungus/yeast infestations have all been shown to be helped by enzyme therapy.^{26, 27, 28, 29}

In the event of allergies, enzymes break down the allergen/antibody complex, splitting it away from surrounding tissue when involved. Enzymes then break down the allergen into smaller components capable of being eliminated without stressing the body. Airborne allergens typically contain both protein and polysaccharide (complex sugar) structures. After entering the bloodstream, they normally are cleaved by enzymes secreted from white blood cells. In an allergic reaction, however, there may not be enough enzymes available from white blood cells to do the work, leaving the mast cells and basophils to release histamine. There occurs the typical allergic reaction of runny nose, swollen itchy eyes, pain, heat and redness in the area of reaction. In a study from Germany, enzymes were shown to split circulating immune complexes as measured in decreased values in blood and improvement of clinical symptoms.³⁰

Several attempts have been made in using protease enzymes for patients with coeliac disease, but with little success. It had been thought that the gliadin protein structure of many grains such as wheat, rye, barley and oats was to blame for the violent reactions suffered by patients. In a study on coeliac disease, the carbohydrate portion was removed with carbohydrases, resulting in total

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success. There was no damage to the intestinal mucosa as there usually is in this disease.³¹ Furthermore, the protein portion was not altered. This shows once again the specificity of substrate which enzymes display.

One of the exciting factors resulting from enzyme therapy comes from a study out of Austria.³² It was shown that pancreatic enzymes as well as the constituents bromelain and papain stimulated the production of tumour necrosis factor. Tumour necrosis factor is a cytokine (a non-antibody protein which act as an intercellular mediator in an immune response) capable of haemorrhagic necrosis (destruction) of tumours and can exert cytostatic and cytotoxic activity on transformed cell lines. In other words, enzymes not only digest foreign objects but they can activate other protein products of the immune system to destroy undesirable growths in the body.

Although the above references represent only a small number of studies, it can be seen that enzymes have a therapeutic role for many disorders. Other studies include treating autism, sports injury, herpes infection, cancer and auto-immune disease.^{33, 34, 35, 36, 37}

Supplemental Enzymes for Health and Longevity

While changing over to a raw food diet (or nearly an all raw food diet) is desirable, this requires discipline.

Each one of us should take the leap into the world of raw food and experiment to find out what works for us. One can find safe, natural animal products to be used for protein intake. The best proponent of this is Aajonus Vanderplanitz. His website, <http://www.primaldiet.com>, details his experiences over a lifetime of experimenting with raw foods, especially raw animal products. There are numerous other raw food advocates located on the Internet and they have written several books, primarily dealing with a vegetarian raw food diet. Each has their arguments and points of view. In the end, it is the reader who must decide after experiencing what they believe to be in their own best interest.

Whether to be a vegetarian or not is finally decided through trial and error and education. How you feel physically, spiritually and emotionally should be noted during any transition. The impact on one's health using enzymes can only be experienced to be appreciated. We are born with enzyme deficiencies, and we have a limited potential for producing enzymes.

Dr Howell believed supplemental enzymes are important not only for health and longevity but as a type of insurance. As we grow older, our bodies do not produce as many enzymes as when we were children or young adults. What better way to ensure our health into old age than to eat enzyme-rich foods and supplement with enzymes where needed?

Clinical studies are generally funded by the pharmaceutical companies for the profits of shareholders, and tend not to be conducted for purely altruistic reasons. Furthermore, there is little interest in natural products because they cannot be synthesised and patented—at least not in the USA.

We are living in quite a crazy world where anyone can buy and implement various biological and chemical threats. Anthrax and smallpox are only the tip of the iceberg of the dangers we face.

As has been written in previous issues of this magazine, there are forces interested in creating chaos—only to hand us a solution, but at a very great trade-off. I believe that enzymes offer mankind the greatest hope of preventing and treating the threats we may face in the coming years. I also encourage you to take up this call to educate yourself in all available material from reliable sources to keep your family and loved ones safe and healthy.

About the Author:

Mark Rojek began researching alternative therapies in 1970. His studies included botanicals, mineral and vitamin requirements and diet. He interned in acupuncture with Dr Bell in Windsor, Ontario, Canada, in 1973, and graduated in 1978 with a Bachelor of Science. He studied aromatherapy, kinesiology, massage therapy and classical homoeopathy in England. In 1986, Mark began formal studies in traditional Chinese medicine, especially acupuncture. In Chicago, he worked with several holistic physicians as a medical technician and maintained a private nutritional practice. Also in 1986, he met Dr Howard Loomis, foremost living expert in enzyme nutrition, and continues to work with him. He works with several doctors in Michigan who refer to him and seek his counsel. He continues to research, lecture and counsel clients in nutrition and diet.

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ROCKEFELLER INTERNATIONALISM

The current generation of Rockefellers seems to be little more than guardians of a legacy that continues to be endorsed through a network of philanthropies and policy planning groups.

Part 6

by Will Banyan

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THE NEW WORLD ORDER VISIONS OF THE ROCKEFELLERS: John D. Rockefeller III, Laurance, the Cousins and the Rockefeller Network Today

JOHN AND LAURANCE: SAVING THE WORLD FROM ITSELF

Alongside Winthrop and Babs, John D. Rockefeller III and Laurance are the forgotten children of John D. Rockefeller, Junior. On some levels this should be no surprise, given the more prominent public roles of Nelson and David, who clearly overshadowed their siblings in terms of political power and influence; but from the point of view of the New World Order, to ignore the respective contributions of John and Laurance to the Rockefeller globalist ideology is to commit a significant oversight. This error is, however, the inevitable consequence of their much lower public profile, even the invisibility of this duo. John D. Rockefeller III (hereafter JDR3), despite being the titular heir to the Rockefeller fortune and carrying the name of Standard Oil's feared founder, was hardly a prominent public figure during his lifetime, while Laurance has always eschewed public exposure, rarely making public speeches or appearances.

The clues therefore, are fragmentary and can only be expanded into their inevitable implications through deduction, but the evidence of their complicity is there. It is most evident in their avowed enthusiasm for environmentalism, though through the distorted prism of needing to conduct population control amongst the mass of the poor rather than the rich, and, in JDR3's case, of his moves to open the economies of East Asia to American capital.

John D. Rockefeller III (1906–1978)

The eldest son of John D. Rockefeller, Jr, and his wife, Abby Aldrich, JDR3 seemed to have inherited all of Junior's less appealing personal traits, including a tiresomely guilty conscience about being one of a number of inheritors of such a vast fortune and with it an obsession with trying to atone for the sins of his grandfather. A perception that Rockefeller gains were ill-gotten was only reinforced by John D. Rockefeller Senior's deliberate refusal to discuss the origins of Standard Oil with his children or grandchildren.

According to Ron Chernow, JDR3 "Like his father...aspired to be a paragon of virtue and, also like his father, paid a terrible price for it". JDR3 strove to meet Junior's lofty standards of personal decorum and sacrifice, devoting himself to charitable works, eschewing luxuries, and displaying seemingly endless self-criticism.¹

Yet, as is the case with all such personalities who indulge in such self-flagellation and sacrifice, a belief that one has earned the moral right to impose one's will upon others soon intrudes. This soon afflicted JDR3, especially as he took his place in the Rockefeller philanthropic network, chairing the Rockefeller Foundation and the General Education Board and later founding the Asia Society and the Population Council. Alex Morris, the author of the otherwise respectful tome *Those Rockefeller Brothers* (1953), noted that in an 18-year period JDR3 had been a member of at least 36 boards and committees.² In fact, his involvement began at the end of the 1920s. Besides the Rockefeller Foundation and General Education Board, JDR3 had also been a board member of the Rockefeller Institute for Medical Research, the China Medical Board and the Bureau of Social Hygiene.

Through his participation in this plethora of for-profit and non-profit organisations, JDR3 soon replaced his guilt with a determination to take further action, to make good on Senior's original contention that the Rockefellers were in fact the "stewards" of God's wealth. JDR3 also seemed to have accepted Senior's accompanying stricture, piously followed by Junior, that it was in fact up to the Rockefeller family to disperse that wealth in a manner that

changed people's thinking. JDR3 first displayed this newfound sensibility in the early 1950s, after having served in the US Navy during World War II and later as a cultural consultant to John Foster Dulles, then heading the US negotiation on a treaty with Japan. Out of that period of activity in service of government, JDR3 developed a deep and abiding interest in all things Asian. This more expansive world outlook Junior's eldest son resolved to impress upon Americans in general.

In the 1950s, determined to improve relations between Japan and America, JDR3 revived the then moribund Japan Society. He also sought to restore and upgrade governmental and non-governmental relations between the US and most of Asia. This proved a more difficult task than propping up the Japan Society with his patronage and financial support, for the political environment had changed. The Institute for Pacific Relations (IPR), to which the Rockefeller Foundation had given support, was attacked for allegedly facilitating the "loss" of China to the Communists. Leading the charge against the IPR and foundations in general was the Special House Committee to Investigate Tax-Exempt Foundations (the Reece Committee). Although many of the Reece Committee's charges were perhaps unjustified—especially given Senator Reece's refusal to allow foundation leaders to formally challenge the accusations against them—it had succeeded, if only temporarily, in restraining the operations of the foundations. JDR3 sought to get around this by recreating the IPR under a new guise by dispersing its responsibilities to a range of new and existing organizations. The IPR's academic functions, for instance, were transferred to the Far Eastern Association, while its cultural role was assumed by JDR3's own creation, the Asia Society, formally launched in 1956.³

Although publicly only concerned with fostering cultural relationships between the US and Asia, JDR3 had in mind another function for the Asia Society in the longer term. As Harr (a former speechwriter to JDR3) and Johnson observe in their curiously titled book, *The Rockefeller Conscience* (1991), although "comfortable" with cultural affairs JDR3 was "well aware" of the need for and value of a "comprehensive approach to foreign affairs" in the region.

But JDR3 was also conscious that in the mid-1950s "political factors constrained the freedom of action of philanthropy". So, although seemingly devoted to cultural projects, JDR3 in effect planned for the role of the Asia Society to "grow into other activities in due course".⁴

Sure enough, evolving from its original cultural beginnings, the Asia Society has grown into an organisation that now describes its mission somewhat more tantalisingly as "fostering understanding of Asia and communication between Americans and the peoples of Asia and the Pacific". The Asia Society now considers issues of foreign, economic and defence policy in the region as a matter of routine and describes its "pan-Asian approach" as inherently sensible at a time when "many Asia/Pacific nations are forging stronger economic and political links with their neighbors, and many pressing issues, from trade to security to the environment, cut across national boundaries".⁵ The implications of this "pan-Asian approach", especially when seen in the context of Nelson's and David's own advocacy of regional integration, are too obvious to warrant further exposition.

JDR3's other creation was the Population Council, which he founded in 1952. It is a more controversial creation, one that belies the essentially benevolent purposes that some of his more sympathetic biographers have attributed to him. According to Steve Weissman, JDR3 and other founders of the early "Eco-Establishment", which comprised the Population Council and Laurance Rockefeller's Conservation Foundation, are united by the view that natural resources must be conserved or, to be more precise, protected from being exploited by smaller businesses and individuals so as to maintain an ongoing supply of resources for the exclusive benefit of larger business entities in the long run.⁶ Controlling the population formed an inevitable part of this program of conservation—something that JDR3 had embraced with obvious enthusiasm since his days with the Rockefeller-funded Bureau of Social Hygiene. This was in tune with the long-term interests of the Rockefellers in this issue, something evident since 1936 when the Rockefeller Foundation had provided funds to the Office of Population Research at Princeton University.⁷

JDR3 was arguably motivated by such goals, although he was always careful not to be too explicit, suggesting his objectives were those of an idealist. As JDR3 explained in his lecture to the United Nations Food and Agriculture Organization in the Second McDougall Lecture in 1961, the "grand mission" of the Rockefeller Foundation, like the FAO, was the "well-being of mankind". JDR3

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argued that there was a "relationship between population growth and social development" and that "responsible leaders" in each country needed to "decide whether population stabilization was required". "To my mind," he explained, "population growth is second only to control of atomic weapons as the paramount problem of the day." There was a "cold inevitability, a certainty that is mathematical, that gives the problems posed by too-rapid population growth a somber and chilling caste indeed". The language was indeed careful, but the implications were soon apparent: the "grim fact"

of population growth, he warned, "cuts across all the basic needs of mankind and...frustrates man's achievement of his higher needs".⁸

In his book, *The Second American Revolution* (1973), JDR3 persisted in likening overpopulation to nuclear war, arguing that it was the "slow way" to "render [the] planet uninhabitable"; in fact, "no problem is more fundamental in long-range terms". JDR3 noted with some pride the findings of the Commission on Population Growth and the American Future, set up by Congress in 1970 with him as Chairman,⁹ that the "time has come for the United States to welcome and plan for a stabilized population" and that "no substantial benefit will result from further growth of the nation's population". But for JDR3, getting population stabilisation right in the US was merely a dress rehearsal for applying such methods globally. By being able to "cope with these broad problems on the home front", JDR3 wrote, America would be "better equip[ped] to play a constructive role internationally".¹⁰

JDR3's warning about the population explosion was mirrored by others in the Rockefeller family and its organs. The Rockefeller Brothers Fund report, "Prospect for America", raised the prospect of "extreme nationalism" arising out of the "restlessness produced in a rapidly growing population", something magnified by "the preponderance of youth".¹¹ David Rockefeller also made his contribution, using language perhaps more revealing than JDR3 chose, but

hardly out of tune with sentiments of the Rockefeller family, no matter how pious its public image, that the population problem was one of economic and political *stability*. "Unless we close the gap between population and food supply," David observed in 1964, they risked "unleashing upon this globe a frustration...an anguished fury more explosive than the growth of population itself." It would also impact upon the "economic well-being" of American businesses, should rampant population growth fail to "create a climate of stability and order which is necessary to attract private capital". And noting that America was "rapidly depleting [its] domestic reserves of a vast array of minerals needed by [its] industrial complex", David made the odd suggestion that the "population barrier to development" might prevent those goods reaching the US¹²—the unstated implication being that if there are too many of *them*, then *we* cannot continue to take what is surely *ours* by right...

The implementation of population control programs, with their curious obsession with the developing countries, even though the population density and resource consumption of those areas is frequently far less than that of Western Europe or North America, has given rise to charges of "genocide".¹³ This is probably not surprising as the transparent objective of population control activists, at least those residing within the Establishment, is to maintain a global racial balance that favours the rich countries as well as ensures that developing countries' resources can still be exploited with little competition from indigenous peoples.

Hand in hand with advocating population control, JDR3 was an enthusiastic environmentalist—but in a manner that showed he had shifted from being overly concerned with ensuring ongoing profitability to preserving the material gains of his caste; or, to put it another way, his concerns had shifted from owning the estate to maintaining it. Having secured his own well-being, JDR3 was determined to deny it to others, warning that "we must cut down on unnecessary and extravagant consumption" or "the future of 'Spaceship Earth' will be in serious doubt". He followed this prescription with calls for numerous types of environmental legislation, regulation and enforcement as well as energy conservation, and even suggested, in an obvious allusion to the Club of Rome's apocalyptic studies, that the "ethic of perpetual economic growth" should probably be discarded.¹⁴

This ideology of sacrificing such wants existed within an overall framework in which JDR3 extolled the virtues of deeper involvement of philanthropic organisations in the business of governing. One of his pet concerns in *The Second American Revolution* was the "imbalance" between government, business and philanthropy. Government, he lamented, had become "very powerful"; business was strong, but the non-profit sector was "weak". Despite the government's strength, problems were "not getting solved"; in fact, there was a "sheer overload" of government resources. As a solution, JDR3 proposed an "essentially conservative", "long-term policy to decentralize and privatize many government functions". Reading this now, after the tumultuous economic reforms and privatisation agenda of the 1980s and 1990s, we can see from which

corners this program was supported. By "privatize", JDR3 indicated that he meant "moving as many government functions and responsibilities toward the private sector as possible", and he envisaged achieving this goal through deregulation and the relaxation of anti-trust provisions. To encourage "philanthropy as a social instrument" he pushed for changes to the tax laws to make it easier to contribute to the foundations.¹⁵

While an examination of the implementation of all these policy prescriptions, though some were quite vague, is beyond the scope and intent of this article, suffice it to say that with the endorsement of JDR3 and his other siblings their evolution into a variety of actual government policies has been assured. As for John D. Rockefeller III, though, he remains a peripheral figure in most New

World Order accounts despite most of his prescriptions playing an integral role in the erosion of national sovereignty: by seeking to reduce the power of governments while increasing that of private groups; lending support to coordinated international efforts to control population growth;¹⁶ and endorsing a range of measures designed to counter environmental damage, but with obvious implications for international regulation.

Such obscurity was no doubt hastened by his death in a car accident on Mt Pleasant on 10 July 1978, even though his demise was in the midst of a particularly virulent dispute with Nelson over control of the Rockefellers' philanthropic empire, particularly the RBF.¹⁷ But in future New World Order accounts, a more in-depth examination of JDR3's agenda, particularly his views on population control and the role of philanthropic organisations, is surely warranted.

Laurance S. Rockefeller (1910–)

Pursuing similar themes was the third-eldest of the Rockefeller brothers, Laurance. In most New World Order accounts, when he is actually mentioned it is usually assumed by default that

Laurance shares the Rockefeller family goal of achieving world government, for the "Rockefellers are 100% Illuminati" (Icke)—though this agreement is by no means complete. Disputing this apparent consensus is UFO researcher Michael Hesemann who, when queried by Israeli investigative journalist Barry Chamish on his dealings with the nonagenarian philanthropist, declared: "Laurance is the black sheep of the family. I know all about the Rockefellers and their world government plot but, I assure you, so does Laurance and *he rejects it*."¹⁸ More mainstream admirers and critics tend to pigeon-hole Laurance as a "venture capitalist" (Lundberg), while a more recent account of his life has venerated the philanthropist as "Mr Conservation" who has "done more than any other living American to place outdoor issues...clearly on the public agenda" (Winks).¹⁹

Part of the problem in discerning the most likely explanation is Laurance's deliberately chosen obscurity. Taking a public role has not been his preferred path; instead, he has operated through a variety of organisations to achieve his desired goals, taking the concept of delegation to an even higher degree than his siblings. As Chernow has observed, Laurance possesses "his grandfather's enigmatic detachment", showing little interest in attracting the limelight.

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Laurance majored in philosophy at Princeton, the exposure to "rational scrutiny" causing him to dispense with most of his religious beliefs. After dropping out of Harvard Law School, Laurance took up the Rockefeller seat on the New York Stock Exchange in 1934, where he soon displayed his business acumen, buying large stakes in a number of aerospace enterprises including McDonnell–Douglas, all of which benefited from wartime and later Cold War boosts to national defence expenditures.²⁰ Laurance was already a designated beneficiary of the Rockefeller trusts, but his ventures only added to his wealth. The issue, though, is to what end he intended to deploy it.

On 27 September 1991, when receiving the Congressional Gold Medal for contributions to conservation and historical preservation from then President George H. W. Bush, Laurance Rockefeller declared that nothing was "more important" to him than the "creation of a conservation ethic in America".²¹ This might seem a somewhat uncontroversial, even laudable, goal in some quarters and, in terms of the New World Order, quite close to being irrelevant. In terms of the Rockefeller goal of changing how people think, Laurance's proclaimed objective warrants a closer look, for such an aim is consistent with the overall Rockefeller strategy of undermining national sovereignty; quite simply, people's thinking must be changed for a world state to work.

There are only a few tantalising clues as to this direction in Laurance's efforts, but they are worthy of mention. Writing in the *Reader's Digest* in 1976, for example, Laurance Rockefeller put forward his case for a "simpler life-style". What he appeared to have in mind, however, was the conformity of the American people to a new set of ideals, a new "ecological ethic":

"The last dozen years have been as traumatic and divisive as any in our history. Assassinations, a tragic war, a political and economic upheaval have divided and dismayed this country. In order to face problems like these, a democracy needs themes and common goals which bring unity and commitment. *The emerging ecological ethic and the change in life-style which accompany it may be such a force.*"²²

Laurance went on to observe that a "new pattern of living" had emerged in the 1970s that included a wide range of recreational fads such as fitness as well as the growing commitment to environmentalist practices such as energy efficiency and recycling. This "new pattern", he observed, was proving to be "essential to the well-being of individuals and of the nation". That all Americans adopt this new ethic voluntarily was essential, he opined, otherwise "authoritarian" controls might be necessary to stave off environmental and social degradation.²³

Laurance has pursued this objective further through his own philanthropic efforts. Although a previous Chairman of the Rockefeller Brothers Fund and at times involved in a variety of other organisations including the Council on Foreign Relations (CFR), Laurance has preferred to set his own philanthropic course. This has ranged

from his founding of the American Conservation Association (formerly the Conservation Foundation) in 1958, through to his ongoing financial support for such groups as the Center for Psychology and Social Change (CPSC), the California Institute for Integral Studies (CIIS), the Natural Resources Defense Council (NRDC) and the Center for Science in the Public Interest (CSPI). Some of these are clearly activist environmentalist organisations; the others have more esoteric concerns.

Laurance's projects seem overly ambitious—more like the experiments of the indulgent rich than anything enduring, though it pays to be cautious. In 2001, for example, Laurance gave the CIIS, for which he is an Honorary Trustee, a grant of US\$190,000 for the Institute's "New Story of the Universe" project. According to the CIIS website, project co-ordinator Professor Brian Swimme "sees the amazing story of the unfolding universe as one that has the

potential to *unite people of all traditions and faiths*". Swimme himself was quick to thank his benefactor and make the bold claim that his effort to create a "new story of the evolving universe" by combining existing religious and scientific accounts of creation would "serve as a link in creating *an organizing mythic framework for the new millennium*".²⁴

Laurance has also raised more than a few eyebrows with his much-publicised funding of UFO research during the 1990s, some of which persists to this day. The range of UFO organisations and projects he has funded, and alleged contacts with the US Government on the issue, is worth reviewing:²⁵

- In March 1993 Laurance, assisted by a former naval intelligence officer, reportedly met with Bill Clinton's science adviser to discuss UFOs and present a study entitled "Matrix of UFO Belief".

- It is alleged that, in August 1995, Laurance discussed the UFO issue at length with President Clinton at his ranch in Wyoming.

- From 1993 to 1995, Laurance provided US\$500,000 to the CPSC, an organisation run by Dr John Mack, the Harvard psychologist who attracted enormous controversy with his endorsement

of the alien abduction theory.

- Laurance paid for at least two meetings with the Starlight Group, an organisation comprising former intelligence officers and military personnel who shared an interest in UFOs.

- Laurance once funded a plan to establish contact with aliens, not by radio telescope but by signalling them with banks of powerful halogen lamps.

- Laurance also once held a UFO conference at his ranch in Wyoming.

- In 1995, Laurance provided US\$30,000 to a project by the BSW Foundation, created by Marie "Bootsie" Galbraith, wife of investment banker Evan Galbraith and one-time US ambassador to France, to prepare a report on the most reliable evidence about UFOs. The report, titled "Unidentified Flying Objects Briefing Document: The Best Available Evidence" and prepared with the assistance of CUFOs (Center for UFO Studies), FUFOR (Fund for UFO Research) and MUFON (Mutual UFO Network), went to designated "leaders of the world" only.

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• In 1999, Laurance provided a grant in the "five-figure range" to the BLT Research Team, Inc. to study crop circles. In 2002, BLT announced its findings that many crop circles were created not by humans but by a "mysterious energy force".

The purpose of Laurance Rockefeller's dabbling in the UFO field has long posed a puzzle to New World Order researchers. One popular suggestion, drawing on an idea probably pioneered by the late William Cooper in his book, *Behold A Pale Horse* (1991), is that Laurance's activities serve a more sinister agenda to "present an 'alien invasion'... as a pretext to fully entrench the New World Order" (Watson). The alien presence, though, is to be deliberately and elaborately faked. As evidence of this intent, the public musings of President Ronald Reagan in 1987 and 1988, on how an "alien threat" or being "threatened by... a power from another planet" would cause all of humanity to set aside its differences and "come together" as "citizens of the world", are often cited. Coupled with Laurance's efforts to confirm the existence of an alien presence and those of Hollywood to shape public attitudes towards extraterrestrials, the stage is supposedly being set to deceive the public.²⁶

The appeal of this theory is obvious; however, compelling proof in its favour is lacking, forcing its advocates to rely on more circumstantial evidence, witnesses with unverifiable claims, and a willingness to speculate. If this theory is true, then its advocates may rest assured they will be fêted for their prescience should the time come.

In the view of this author, however, it seems more likely that Laurance's dabbling in the UFO scene, besides reflecting some possible eccentricities on his part, forms part of his broader agenda to try to mould humanity's ethical outlook. Rather than trying to establish the existence of a negative "alien threat", the aim is gradually to reinforce the sense that there is a genuine, possibly benevolent, alien *presence* out there—a presence that by its very existence challenges existing religious, cultural and political frameworks, surely compelling us to coalesce around a single *new* idea. Perhaps along the lines of Swimme's "New Story of the Universe"...

THE NEXT GENERATION

The five sons and one daughter of Junior gave forth another generation of some 23 children, sometimes known as "the cousins". Their contribution to the globalist ideology launched by Junior in the 1920s and further transformed by their parents is barely recognised yet no less significant, not least because of the major generational rupture revealed at length in Peter Collier and David Horowitz's book, *The Rockefellers* (1976). Caught up in the political tumult of the late 1960s and early 1970s, most of the children of the Rockefeller brothers, especially those belonging to David, rejected their family's legacy (and even the name), embracing leftist causes including opposition to the Vietnam War and a version of environmentalism less tied to the plutocratic version of perfection promulgated by JDR3 and Laurance.

Since that time, though, as the cousins have become older their radicalism has been tempered and diluted, and a few of them have taken their place in the Rockefeller philanthropic network, embracing Senior's original notions of "stewardship" and Junior's enthusiasm for a world state.

Peggy Dulany

The second eldest of David Rockefeller's three daughters, Peggy Dulany went through a period of rebellion in the 1970s based on her outrage at the level of poverty in Latin America that she was convinced her father had contributed to in some way. After a period in Brazil working on poverty alleviation, she was involved in similar programs in Boston and New York. Since the 1980s, however, a mellowing of Dulany's opinions has been more than apparent, as she has joined many of the organisations in which her father has played such a key role, including the CFR, the Overseas Development Council and the Rockefeller Foundation.²⁷

In 1986, Dulany used some of her share of the Rockefeller fortune to found the Synergos Institute, an organisation devoted to enhancing the ability of philanthropic organisations to collaborate with grassroots organisations to "reduce poverty and increase equity in Africa, Asia and Latin America".²⁸ Although this agenda is surely laudable, there are at least two reasons for caution. Firstly, there is David Rockefeller's key role in the Global Philanthropists Circle, a Synergos subsidiary—surely a case of the fox guarding the hen house, given David's own admitted role in conceiving the so-called "Washington Consensus", which is behind much of the poverty in Latin America. And secondly, Synergos's focus on enhancing the role and reach of philanthropy throughout those regions seems more a case of enhancing the role of non-state actors into a global enterprise—an explicit objective of both David and JDR3.

In other avenues, Peggy Dulany has proved that her straying

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from the path of Rockefeller internationalism was indeed a momentary lapse. In early 1997, Dulany participated in a "Global Governance for Sustainable Development" conference held by the Rio+5 Forum, giving a presentation on "The Role of Global Financial Institutions and Networks in Financing Sustainable Development".²⁹ Also in 1997, she co-chaired a CFR-sponsored Independent Task Force on Promoting US Economic Relations with Africa. Among the recommendations of the task force were: endorsement of an "Africa Growth and Opportunity Act" to increase US private investment in Africa and create the groundwork for free trade agreements in the region; and for the US to pay its outstanding commitments to "the International Development Association, the African Development Bank and Fund, and the United Nations in order to carry a fair share of international cooperation in support of African development".³⁰

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In June 2003, Dulany joined the UN Secretary-General's Panel on Civil Society and UN Relationships. The aim of the panel, claims the UN, is to "review past and current practises and recommend improvements for the future in order to make the interaction between civil society and the United Nations more meaningful". The Panel's definition of "Civil Society", according to a "contextual paper" prepared by the Panel's Chairman, former Brazilian President Fernando Henrique Cardoso, "encompasses a wide variety of non-state actors, including parliamentarians and the private sector" and "non-government organizations". With relations between the UN and Civil Society beginning to "show signs of strain", there was a need for "greater consistency and coherence" to be "introduced in the rules of engagement with civil society". Cardoso explicitly linked this goal to the UN's "key role" in "strengthening global governance" and "building a cosmopolitan

law". Some UN member states were wary of increased NGO participation in such avenues, Cardoso noted, but the proper response was to undermine those objections to "reduce distrust, demonstrate the effectiveness of collaboration and build consensus..."³¹ The aim of the Panel is not to exclude NGOs from decision-making processes, but to formalise and entrench their presence within the UN system, giving them an enduring role in building effective structures of global governance. Peggy Dulany's participation on the Panel is unlikely to result in any deviation from this goal.

David Rockefeller, Jr

The eldest of David Rockefeller's children, David Junior has also succeeded his father by taking up senior positions in a variety of foundations and policy-planning organisations. He is a trustee and former Chairman of the Rockefeller Brothers Fund and the Asian Cultural Council, an honorary trustee of the Brookings Institution, a member of the Council on Foreign Relations, and a former President of the Rockefeller Family Fund. He has also been involved in a number of environmental organisations, including as a member of the Pew Oceans Commission, a trustee of the National Park Foundation and founder of the Alaska Fund for the Future. David Junior's main business role has been as Director and former Chairman of Rockefeller & Co., Inc.

David Junior's take on the world is little known, save for only a few snippets. In a speech on the relationship between business and the arts in 1997, for example, he observed that: "The Internet has fulfilled the prophecy of a global village. I do not believe that big corporations can finesse their responsibility to define and support the particular communities in which they operate most actively." The answer to this dilemma, he opined, was "the arts because they simultaneously embrace the particular and the universal, [and] can best help us to grasp this world full of tension and technology".³²

Steven Rockefeller

"The only long-answer to the problem of terrorism is to build a global culture of peace", wrote Professor Steven C. Rockefeller, one of Nelson's sons, on 29 September 2001.³³

Steven's prescriptions were perhaps unsurprising, given his role in formulating the Earth Charter, a document released in March 2000 by the Earth Charter Commission. The purpose of the Charter, according to Steven, who was Chairman of the Earth Charter International Drafting Committee, is to "articulate the ethical principles that should shape whatever institutions of global governance the human community decides to develop".³⁴ Providing overall guidance to those forces, particularly NGOs, which are taking part in the steady erosion of national sovereignty and the undermining of those democratic systems that exist through the construction of more effective international institutions, seems to be a primary objective. Pointing to the "growth of a new powerful international civil network that includes many influential nongovernmental organizations", Steven Rockefeller has argued:

The emerging global civil society is in a position to exercise significant influence on governments and international

*corporations in the twenty-first century, and it can benefit from the kind of strong integrated ethical vision that is being developed in the Earth Charter.*³⁵

The Earth Charter Initiative is no enterprise set up by an otherwise obscure academic, but a joint effort involving Maurice Strong, the Chairman of the Earth Council, and former Soviet President Mikhail Gorbachev, President of Green Cross International. Funding for the Earth Charter Initiative has come from the RBF (of which Steven is Chairman), some UN agencies, and the Netherlands government. More importantly, the Charter's authors hope for it to receive endorsement from the UN General Assembly, making it into a "soft law document"—much like the UN Universal Declaration of Human Rights, which is a statement of intentions rather than a binding document. However, as Steven notes, "in the history of international law, soft law tends to become hard law over time". With this in mind, a "hard law treaty", the Draft

International Covenant on Environment and Development, has been written in tandem with the Charter.³⁶

The document in question is closer to the visions of a purer world promoted by JDR3 and Laurance—the musings of contented plutocrats intent on leaving a legacy of global change rather than necessarily increasing their personal wealth. According to Steven Rockefeller, besides calling for a "culture of peace" the Charter envisages a "just and sustainable socio-economic order", eradicating poverty, promoting "ecological integrity", "human development in the fullest sense", but in a manner that is "consistent with the flourishing of Earth's ecological systems".

The "New Beginning" that the Charter promotes at its conclusion is for all humanity to undergo a "change of heart and mind"—a message also underlined in the Preamble, with its call for the unanimous embrace of a "shared ethical vision" of "universal responsibility" by securing a pledge of commitment to the Charter's principles from those who endorse it.³⁷

The ultimate objective of this Utopian document is an Arcadia, a perfect world

made possible when we all think alike.

THE ROCKEFELLER NETWORK TODAY

While the commitment of the current generation of Rockefellers to the Wilson–Fosdick New World Order model may seem limited, the Rockefeller fortune, directed through a plethora of foundations and organisations, ensures that the ideology has supporters even if they are not family. Leading this effort are the Rockefeller Brothers Fund, the Rockefeller Foundation and the less-well-known Rockefeller Family Fund and Laurance Rockefeller Charitable Trust. Each of these organisations promotes the globalist agenda, some more obviously than others.

On its website, the Rockefeller Brothers Fund describes itself as a "philanthropic organisation dedicated to improving the well-being of all people in the transition to global interdependence". This is evident in the plethora of programs to which the RBF devotes resources from its still-deep coffers. In 1997, for example, the then

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outgoing RBF Chairman, Abby M. O'Neill, noted how the RBF had long been committed to a number of "core program ideas", among them "the challenge of global interdependence and American leadership". These programs were occasionally adjusted, and in 1983 the RBF adopted a "One World" strategy with an "explicitly global perspective and an emphasis on the convergence of national and international frameworks". Some 15 years later, O'Neill observed, "the One World theme is more relevant than ever".³⁸

During the 1980s, the RBF's "One World" programs focused on nuclear non-proliferation and international relations, development, trade and finance. In 1996, following the end of the Cold War, the RBF revised its "One World" strategy, launching what was intended to be a two-year review of its grant-making. To help develop new guidelines, a "Project on World Security" was started. The RBF also funded a program of research on "transnational governance" at the Carnegie Endowment for International Peace. The RBF's new guidelines for its "Global Security Program", released in 1999, committed the Fund to building "strong domestic constituencies for cooperative international engagement" and supporting efforts to "understand, adjust to and steer the process of increased economic integration..."³⁹

A look at the Global Security Program's grants for 1999 and 2000 reveals the RBF gave grants to: the International Forum on Globalization "For efforts to develop a positive vision of global governance"; US\$70,000 to the Benton Foundation to bring its oneworld.org website to the US; \$500,000 to the Aspen Institute for its role in the "Global Interdependence Initiative" project; \$300,000 to the CEIP for its "Managing Global Issues Project"; and \$200,000 to the South Centre in Switzerland to support developing-country NGOs and governments on "trade and global governance issues".⁴⁰

One of the first reports of the RBF's Global Interdependence Initiative, "Global Interdependence and the Need for Social

Stewardship" (1997), noted with alarm the "waning of public and political support" within the US for "cooperative international engagement". To remedy this, the report recommended that US leaders work to convince the American public that such an approach was consistent with their values and interests. And to support the leadership, a wide-ranging "public" constituency should be built, combining NGOs, businesses, educators, unions, the media, religious groups and philanthropic foundations. NGOs would be "central to any constituency-building effort" and could also be used by multilateral and bilateral institutions to "bypass corrupt governments".⁴¹ As with all Rockefeller efforts, changing public

attitudes is the key. The implications of this report and others in this project are simple: public attitudes, especially in the US, must be changed to make "One World" possible.

Written into the Charter of the Rockefeller Foundation, when it was originally founded in 1913, is the objective of contributing to "the well-being of mankind throughout the world". During much of its life, the Foundation has realised this goal through its involvement in mostly medical and educational programs around the world and, for a time during the

1920s, the provision of direct financial support to certain operations of the League of Nations. In 1999, however, the Rockefeller Foundation announced a "new global mission" of helping "poor people excluded from globalization's benefits".

The aims or "themes" seemed laudable: to "improve poor people's lives and livelihoods through the application of knowledge, science, technology, research and analysis"; and to "ensure that globalization processes are more democratic and equitable and benefit the most vulnerable, disenfranchised populations, cultures and communities around the world".⁴²

Though we might note that as this last "theme", actually designated a "cross-theme", is "global inclusion", the ultimate

The implications of this report and others in this project are simple: public attitudes, especially in the US, must be changed to make "One World" possible.

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objective is easy to discern: to draw those outside of the evolving "One World" into its grasp. Beyond including "poor people" in "decisions that may affect their lives" is the implicit acknowledgement that if their lives are already not being affected by globalisation then they soon will be.

The other funds also contribute, though perhaps less notably. The little-known Rockefeller Family Fund, for instance, acts as a conduit for donations from other philanthropic organisations, including the Rockefeller, Ford, Turner, Scherman and Packard Foundations, to environmental causes such as preventing global warming and promoting a "Green Car". The RFF also provides money to the Funders Network on Trade and Globalization, the organisation used by many foundations to fund NGOs.⁴³ The even more obscure Laurance Rockefeller Charitable Trust funds activist groups, such as the Center for Science in the Public Interest, an organisation that has targeted the fast food industry for legal action in its determination to force people to eat healthy foods.⁴⁴ The purpose of this funding is always the same: to increase the pressures on governments and to mould public opinion in service of the broader Utopian goal of "One World".

CONCLUSION

The purpose of this series has been to document the evolution of the Rockefeller family's internationalist ideology from the 1920s through to the present day. Underlying this analysis is an assumption, gleaned from the various primary documents cited, that the Rockefeller strategy for a New World Order or "One World" has two essential mutually reinforcing components: firstly, the promotion of international economic integration; and secondly, the establishment of strong supranational institutions.

The origins of this agenda can be traced to the ideas of US President Woodrow Wilson, which were then passed on to John D. Rockefeller, Junior, by his adviser, Raymond B. Fosdick. Junior's sons, especially David and Nelson, have done the most to promote, expand and implement this agenda. The current generation of Rockefellers, in contrast, seems little more than guardians of a legacy—one that the network of Rockefeller philanthropies and policy-planning groups continues to endorse.

The waning of direct Rockefeller influence does not, unfortunately, mean the decline of the program by any means, for there are plenty of new rich who share the same objectives and who are determined to use their wealth to the same ends.

The notorious currency speculator George Soros, for example, has long portrayed himself as a supporter of a "global open society". Mirroring David Rockefeller's trilateralist concept, Soros has called for an alliance of the "democratic states of the world", led by the United States working with the European Union, to build a "global open society" by reforming the UN and other supranational institutions including the World Trade Organization.⁴⁵ He has devoted the resources of his main philanthropic organisation, the Open Society Institute, to this goal.

Ted Turner, the founder of CNN, is another in this league, who demonstrated his intentions through his US\$1 billion donation to the United Nations in 1997. "I see myself as a citizen of this Earth," Turner once told Gorbachev.⁴⁶ Though Turner's fortunes have waned, other plutocrats—among them Bill Gates and Warren Buffett, both intent on dispersing most of their fortunes—are waiting in the wings.

The agenda of the Rockefellers and their successors is hidden in plain sight. If we look past the veil of media-led denial and ridicule, one does not have to look far to find it. Whether we just watch it unfold is another matter...

About the Author:

Will Banyan, BA (Hons), Grad. Dip. (Information Science), is a writer specialising in the political economy of globalisation. He was worked for local and national governments as well as some international organisations, and was recently consulting on global issues for a private corporation. He is currently working on a revisionist history of the New World Order.

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[Here endeth the sixth and final part of this lengthy series. We have put all six parts onto our website, <http://www.nexusmagazine.com>, along with endnotes and references. Ed.]

Continued from page 35

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AIDS

THE SELENOENZYME SOLUTION

AIDS is a consequence of HIV infection which causes deficiencies of the enzyme glutathione peroxidase and its four components, yet this syndrome and viral activity can be reversed with dietary supplementation.

Part 2 of 2

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COROLLARY ONE: Deficiencies of Glutathione Peroxidase and its Components in HIV/AIDS

There is strong evidence to show that HIV-seropositive individuals are deficient in glutathione peroxidase. Gil and colleagues,⁵⁴ for example, compared levels of it in the blood of 85 HIV/AIDS patients with those in 40 healthy controls, confirming the presence of a significant ($p < 0.05$) reduction of the selenoenzyme in the infected group. Beyond this, Batterham and co-workers⁵⁵ showed that such depressed glutathione peroxidase levels in men with HIV/AIDS could be raised by supplementation with selenium and other antioxidants.

If Aumann and co-workers⁵⁶ are correct, then HIV/AIDS patients should also be very deficient in the four nutritional components that these researchers believe are required by the body to produce glutathione peroxidase—namely, selenium, cysteine, glutamine and tryptophan. There is certainly good evidence to prove that such individuals are selenium deficient.

Several studies have documented declining plasma selenium levels in patients with HIV/AIDS. Probably the most convincing of these was conducted by Baum and co-workers⁵⁷ in Florida. These researchers monitored 125 HIV-1-seropositive male and female drug users in Miami over a period of 3.5 years. This study collected data on CD4 T-cell count, antiretroviral treatment and plasma levels of vitamins A, E, B6 and B12 as well as selenium and zinc. A total of 21 of these patients died during the study. Only plasma selenium levels and CD4 T-cell counts could have been used to predict which of the 125 patients would die, with selenium levels being more accurate predictors than CD4 T-cell counts. The same research group also monitored 24 HIV-infected children over a five-year period, during which time half of them died of AIDS. As with adults, the lower their serum selenium levels, the faster that death occurred.

It also appears as if the selenium deficiency seen in HIV/AIDS patients, as expected, makes them more susceptible to Cocksackievirus infection. As a consequence, myocardial infarctions are quite common even in relatively young people who are HIV seropositive.⁵⁹ In addition, autopsies often reveal that AIDS patients^{60, 61} have been suffering from, and perhaps have died of, Keshan disease—an endemic heart disease normally limited to the populations of regions of extreme selenium deficiency.

HIV/AIDS patients also display low plasma levels of cysteine at every stage of infection.⁶² Since this amino acid is one of the body's major sources of sulphur, they are very deficient in it.⁶³ Interestingly, depressed cysteine is also characteristic of SIV-infected rhesus macaques.

Several researchers have documented glutamine deficiencies in HIV/AIDS patients.⁶⁵⁻⁶⁷ Shabert and colleagues, for example, discovered that much of the weight loss seen in individuals could be reversed by glutamine-antioxidant supplementation.

If HIV is producing glutathione peroxidase for its own purposes and if this selenoenzyme contains tryptophan, then HIV/AIDS patients should be deficient in this amino acid. This appears to be the case. Werner and co-workers,⁶⁸ for example, have shown that, in male patients with advanced HIV infection, tryptophan serum levels are less than half of those found in matched healthy controls. Since tryptophan is required for the biosynthesis of both serotonin and niacin, it is not surprising that their levels are also depressed in patients with HIV/AIDS.^{69, 70}

It is clear from the literature just cited that HIV/AIDS patients are indeed very deficient in glutathione peroxidase and in the four components of this selenoenzyme—namely, selenium, cysteine, glutamine and tryptophan. In short, the clinical and scientific evidence supports the truth of corollary one.

COROLLARY TWO: Effective Treatment for HIV/AIDS Should Involve Correcting Deficiencies of Glutathione Peroxidase and its Nutritional Precursors

There is a wealth of evidence that correcting one or more of the deficiencies of selenium, cysteine, glutamine and tryptophan, which are characteristic of HIV/AIDS, has significant health benefits. Selenium, for example, is a key immunological enhancement agent that has a strong impact on lymphocyte proliferation.

This relationship was confirmed by Peretz and co-workers,⁷¹ who monitored enhanced lymphocyte response in elderly subjects given a daily 100-microgram selenium supplement over a six-month clinical trial. This seems to be because selenium is essential for lymphocytes—as shown by Porter and colleagues,⁷² who demonstrated that plasma proteins carry selenium to lymphocytes which absorb it. Further, Wang and co-workers⁷³ have demonstrated that selenium enhances lectin-stimulated T-lymphocyte proliferation and is an important modulator for immune response. It is not surprising, therefore, that HIV/AIDS patients with depressed plasma selenium also show T-lymphocyte abnormalities.⁷⁴

There have been numerous clinical trials to explore the impact of cysteine supplementation (usually given as N-acetylcysteine) on HIV/AIDS symptoms. De Rosa and co-workers⁷⁶ at Stanford University, for example, have shown that the oral administration of N-acetylcysteine significantly replenished glutathione in HIV-infected individuals. This is very significant, since subsequent research has established that glutathione levels in HIV-positive patients is a predictor of survival rates.⁷⁷

As previously mentioned, cysteine is a significant source of sulphur and HIV/AIDS patients are very deficient in this element. A trial carried out in Germany by Breitzkreutz and colleagues⁷⁷ showed that N-acetylcysteine supplementation helped to correct this sulphur deficiency while simultaneously improving immunological functions in HIV/AIDS patients.

Glutamine is a major requirement of cells which are rapidly proliferating. As a result there is a significant requirement for it in the digestive tract, where it is essential for intestinal cell proliferation, intestinal fluid/electrolyte absorption and mitogenic response to growth factors. Since glutamine deficiency is so characteristic of HIV/AIDS, it is not surprising that patients typically suffer badly from digestive malfunction and diarrhoea. It has been demonstrated by Noyer and co-workers,⁷⁸ at the Albert Einstein College of Medicine, that glutamine therapy improves intestinal permeability in AIDS patients, although the amount required to enhance intestinal absorption may be as much as 20 grams per day.

Glutamine is also essential for muscle building; in HIV/AIDS patients, deficiencies of it seem linked to loss of body cell mass. Shabert and his colleagues⁷⁹ have demonstrated that glutamine and antioxidant supplements can reverse the weight loss typically seen in such patients, while Kohler and co-workers⁸⁰ also have

shown that glycyl-glutamine improves lymphocyte proliferation in AIDS patients.

I am not aware of any clinical trials conducted to test the impact of tryptophan supplementation on HIV/AIDS. However, it is interesting to note that antiretroviral drug therapy, designed to prevent HIV-1 replication, slows the rate of tryptophan loss seen in seropositive individuals.⁸¹ Similarly, plasma tryptophan levels can be increased in HIV-infected patients by nicotinamide supplements.⁸² This is perhaps not surprising, given the close chemical association between this nutrient and the tryptophan derivative, niacin.

Simply put, there is a great deal of evidence that HIV/AIDS patients are typically deficient in glutathione peroxidase and its precursors—selenium, cysteine, glutamine and tryptophan. Beyond this, it is clear from clinical trials that survival rates and patients' symptoms are improved by supplementation with such nutrients.

Indeed, one might go so far as to say it would be medical malpractice *not* to give these nutrients to those who are HIV seropositive.

COROLLARY THREE: Reversing Deficiencies of the Precursors of Glutathione Peroxidase Should Reverse the Symptoms of HIV/AIDS

The hypothesis presented here suggests that HIV/AIDS is a disease that is caused by the combined deficiencies of glutathione peroxidase and its precursors. If this is correct, then the symptoms normally associated with a deficiency of each one of these substances ought to occur in AIDS patients. There is a wealth of evidence that suggests this is the case.

Baum and co-workers⁸³ have shown that adults and children dying of AIDS display both depressed CD4 T-

lymphocyte counts and very depleted plasma selenium stores. This seems to be part of a positive feedback system, since one of the most significant symptoms of selenium deficiency is a reduction of CD4 T-lymphocytes, which occurs because this trace element is needed for their production. A lowering of CD4 T-lymphocyte levels causes a drop in the efficiency of the immune system, encouraging infection by other pathogens and resulting in a further decline in selenium. I have termed this positive feedback system the *selenium CD4 T-cell tailspin*.⁸⁴

HIV/AIDS patients also often display a hypothyroid or low T3 (tri-iodothyronine) syndrome.⁸⁵ This seems to occur because selenium deficiency causes a reduction in deiodinase, the enzyme required to convert T4 (thyroxine) to T3. It has been further suggested that such a selenium deficiency abnormality of the thyroid may be a significant factor in the AIDS wasting process.⁸⁶

Selenium deficiency has been linked to depression in the general population.^{87,88} It is not surprising, therefore, that this is also a characteristic of people with HIV/AIDS.

It would appear, therefore, that at least three of the major symptoms of HIV/AIDS—namely, depressed CD4 T-lymphocyte count, lowered tri-iodothyronine production and depression—can

Simply put, there is a great deal of evidence that HIV/AIDS patients are typically deficient in glutathione peroxidase and its precursors—selenium, cysteine, glutamine and tryptophan.

Indeed, one might go so far as to say it would be medical malpractice not to give these nutrients to those who are HIV seropositive.

be explained, at least in part, by the inadequate selenium levels seen in such patients.

In 1981, Bunk and Combs⁸⁹ described an experiment demonstrating that, in chickens, selenium deficiency impaired the conversion of the S-amino acid methionine into cysteine. It is highly likely that this is true for humans. If it is, then, by encoding for the selenoenzyme glutathione peroxidase, HIV-1 causes a deficiency of cysteine in infected individuals in two distinct ways. Firstly, the virus removes cysteine directly from the body as it replicates. Secondly, it creates a selenium deficiency which impairs the conversion of methionine to cysteine, so reducing the availability of the latter. Simply put, HIV-1 both increases the demand for and reduces the supply of cysteine in patients who are HIV-1 positive. Cysteine deficiency, in and of itself, has been shown to be associated with depressed glutathione, poor wound and skin healing, psoriasis, abnormal immune function and greater susceptibility to secondary infections and cancers.⁹⁰ All these characteristics of cysteine deficiency are seen in HIV/AIDS patients.

Glutamine is a major nutrient required by rapidly proliferating cells and is of particular significance in the digestive tract.

Deficiencies cause abnormal intestine permeability and digestive malfunction, often associated with diarrhoea.⁹¹ Glutamine is also a favourite with body-builders, who use it in large quantities to promote muscle growth. It is not surprising that muscle protein wasting, therefore, is a symptom of glutamine inadequacy. Both diarrhoea and muscle wasting are characteristics of HIV/AIDS.⁹²

Tryptophan deficiencies, in and of themselves, have led to major health problems in the past. Probably the worst of these was pellagra, which developed in children eating diets high in corn. Maize is very deficient in

tryptophan and so such children quickly developed pellagra, which is thought to be due to a co-deficiency of both tryptophan and its metabolite, niacin.⁹³ As a consequence of these two deficiencies, such individuals could not produce adequate nicotinamide adenine dinucleotide and so developed pellagra. The symptoms of this disease were known as "the four Ds"—namely, dermatitis, diarrhoea, dementia and, ultimately, if not treated effectively, death.⁹⁴ AIDS patients commonly experience all such symptoms and also display inadequate levels of nicotinamide adenine dinucleotide. This can be reversed, at least *in vitro*, by the administration of nicotinamide.⁹⁵

It would appear, therefore, that corollary three is correct and that the great majority of the symptoms of HIV/AIDS (with the exception of those caused by opportunistic pathogens) are a combination of symptoms seen in individuals who are extremely deficient in glutathione peroxidase or in one or more of its precursors.

COROLLARY FOUR: HIV-1 Seropositive Individuals Who Eat a Diet Elevated in Selenium, Cysteine, Glutamine and Tryptophan Should Never Develop AIDS

Obviously, the easiest way to test the truth or otherwise of this fourth corollary would be to arrange for a double-blind, placebo-controlled pilot study in which half the HIV/AIDS patients are

given injections of glutathione peroxidase and supplements of selenium, cysteine, glutamine and tryptophan.

Unfortunately, geographers are not expected to develop new disease-related hypotheses that have the potential for undermining genetic, biochemical and clinical authority. As a result, I have been attempting to gain support for testing this concept for more than two years. Given the enormous power of the pharmaceutical industry and its lack of interest in the discovery of a cheap and simple treatment for HIV/AIDS, it has not been an easy row to hoe. To date, all I can point to are two AIDS patients who quickly reversed their major symptoms when attempting to follow my suggested regime.⁹⁶ Beyond this, there are research teams in South Africa, Tanzania, Botswana and Morocco who have contacted me to express a willingness to conduct such trials, should funding ever become available.

CONCLUSIONS

Death from AIDS is a consequence of four nutritional deficiencies. Fortunately, HIV infection does not need to be a death sentence because such deficiencies are cheap and easy to reverse. And while the four nutrients won't eradicate HIV, they

activate the virus's own "warning system", preventing its replication.

The genetic code of HIV includes a homologue for the essential human selenoenzyme glutathione peroxidase. Paradoxically, this viral requirement for selenium generally appears to restrict infection to individuals who, because of a diet deficient in selenium or because of prior infection by other selenium-encoding pathogens, are deficient in this trace element.

Unfortunately, the human population is becoming ever more susceptible to infection by HIV-1 (and HIV-2 to a lesser extent) as well as other selenoenzyme-encoding viruses

because of acid rain, which reduces the bioavailability of selenium.

To be replicated, HIV must compete with its host for glutathione peroxidase and its four constituent nutrients—selenium, cysteine, glutamine and tryptophan. As a consequence, replication of the virus gradually depletes seropositive individuals of these substances. AIDS is the end product of these nutritional declines, and most of its symptoms are caused by them. As a consequence, it is likely that AIDS can be easily reversed by correcting such deficiencies.

To illustrate, glutathione peroxidase is one of the body's most significant antioxidants. A lack of this selenoenzyme therefore accelerates free radical damage and oxidative stress. Beyond this, having inadequate selenium and cysteine undermines the immune system in a process that is accelerated by other infectious pathogens. A deficiency of glutamine encourages muscle wasting and digestive malfunction, while a lack of tryptophan and the compounds it biosynthesises (such as niacin and serotonin) results in dermatitis, diarrhoea and various neurologic and psychiatric symptoms including dementia. Supplementation with the appropriate nutrients naturally reverses these symptoms.

It is ironic, but not really surprising, that our continuous destruction of the global ecosystem is promoting the spread of viral infections (and various chronic degenerative diseases) that threaten humanity's domination of the planet.

Having inadequate selenium and cysteine undermines the immune system in a process that is accelerated by other infectious pathogens.

POSTSCRIPT (as at early January 2004)

Since I submitted this article for publication, I have learned of a small AIDS trial that is taking place in Botswana.⁹⁷ The trial is funded by a Canadian vitamin company and is using the nutrient regimen suggested in my book. Here is a quotation from the initial email report that I received in late September:

"I picked two candidates personally who have fully blown AIDS with relevant symptoms like diarrhoea, skin rash, loss of weight and a lack of appetite. One of these candidates has a severe complication of syphilis which has slowed his recovery somewhat, but still, within two weeks of trials, his skin rash, diarrhoea and fatigue have all but disappeared. The lady candidate gained 3 kg in two weeks and now eats 'like a horse'. She resumed work last Tuesday after several weeks of absence. I am gaining confidence in this treatment by the day and I hope the same would apply to the remainder of the trial candidates..."

"A lady who started the regimen three weeks back has just tested negative for HIV, and her CD4 count has shot up from 500 to 700!" (It's unknown if this is the same lady who ate "like a horse"!)

In the meantime, I have set up a small company, HD Foster Research Inc., which is having the nutrients made up into a product called HELP. We are giving this away to doctors who treat AIDS patients. The first taker is a physician in South Africa, and I have mailed him enough treatment for 10 patients. The idea is to find medical supporters who can vouch that the treatment works. Beyond this, the small Canadian company that is using my treatment in Botswana (anecdotal evidence suggests a 99% success rate in reversing AIDS) has spread its activities into Zambia.

We have decided to produce a video in which I describe my theory of HIV/AIDS, and which also shows patients recovering. We are looking for financial and other assistance to do this. The idea is to give this away to TV stations in Africa and elsewhere.

Recently I checked the progress of the two Victoria, BC, patients mentioned in my book, who were dying of AIDS in 2001. They are now both in good health and are back at work.

I have also had two more HIV/AIDS papers published in Chinese in the proceedings of two different medical conferences held in Shanghai in November 2003. Two additional papers have been accepted for publication in Chinese medical journals. On 17 March I am scheduled to give a lecture on AIDS at the Centennial AGM of the Association of American Geographers in Philadelphia.

Things are moving along. Hopefully, the world will soon know that the treatment does indeed work.

Editor's Note:

Readers wanting more detailed information about the HIV/AIDS environmental connection are directed to the website <http://www.hdfoster.com>, where they can download a free copy of Harold Foster's book, *What Really Causes AIDS*.

About the Author:

Harold D. Foster, PhD, was born and educated in England. He specialised in geology and geography, earning a BSc in 1964 from University College London and a PhD in 1968 from London University. He is a Canadian by choice, and has been a faculty member in the Department of Geography, University of Victoria, British Columbia, Canada, since 1967.

A tenured professor, Dr Foster has authored or edited some 235 publications, the majority of which focus on reducing disaster losses or identifying the causes of chronic disease or longevity. He has published hypotheses on the origins of numerous diseases including myocardial infarction, AIDS, cancer, diabetes, schizophrenia, multiple sclerosis (MS), amyotrophic lateral sclerosis (ALS), Alzheimer's and Parkinson's diseases, and stroke.

His numerous books include: *Disaster Planning: The Preservation of Life and Property* (Springer Verlag, New York, 1980); *Reducing Cancer Mortality: A Geographical Perspective* (Western Geographical Press, Victoria, 1986); *The Ozymandias Principles: Thirty-one Strategies for Surviving Change* (Southdowne Press, Victoria, 1997); and *What Really Causes AIDS* (Trafford Publishing, Victoria, 2002; see review in NEXUS 10/05). His new book, *What Really Causes Schizophrenia* (Trafford, 2003), is reviewed in this issue of NEXUS.

Harold Foster is a member of the Explorers Club as well as several academic organisations including The New York Academy of Sciences, The Royal Geographical Society and The Royal Society of Literature. He is also the editor of both the International and Canadian *Western Geographical Series* and is a member of the boards of the *Journal of Orthomolecular Medicine* and the International Schizophrenia Foundation.

He has been a consultant to numerous organisations, including the United Nations and NATO, and to the governments of Canada, Ontario and British Columbia. He is also a member of the Science Advisory Panel for the Healthy Water Association.

Every day, Dr Foster makes a point of taking at least the recommended daily allowance of the known essential nutrients. He is also currently pursuing offers for his suggested nutrient mixture to be produced for use in clinical trials with AIDS patients. For a more detailed résumé, visit the website <http://www.hdfoster.com>.

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A CONNECTION BETWEEN GRAVITATION AND OTHER INTERACTIONS

by Professor Dr Claus W. Turtur
© 24 June 2003

Abstract

Objects of physics (for instance, elementary particles) are connected with each other by so-called fundamental interactions. Science knows four such interactions: 1) gravitation, 2) electromagnetic interaction, 3) strong interaction, and 4) weak interaction. In my article, I demonstrate how gravitation can be derived as a consequence of the other three interactions and on which way gravitation can be calculated from knowledge of the other three interactions. In the overview, the basic facts of the model can be summarised as follows:

In theory, the fundamental interactions can be described by means of fields or by interaction quanta. Both of them (fields as well as interaction quanta) contain a certain and well-defined amount of energy.

Based on this energy, I developed what can be called the concept of the "interaction-based understanding of mass", with the following idea: summation of all energies of the interactions 2–4 in our enumeration above can be regarded as the total energy of a particle. According to Einstein's mass-energy equivalence, this energy can explain the total mass of the particle. The speciality of the concept is the fact that it can be applied to models within classical physics as well as to approaches based on quantum physics, such as quantum electrodynamics or quantum chromodynamics. From this point of view, we come to a possible understanding of the nature of elementary particles as sources of fields or interaction quanta.

Introduction/Basic Idea

Attempts to explain the origin of the mass of elementary particles by the energy of interactions are widespread; e.g., the example of the explanation of the mass of hadrons on the basis of binding-energy keeping quarks together is well known.

But in these calculations, the rest mass of the quarks has to be included. If we follow the thought of mass-energy equivalence consequently to its very end, we want to explain the mass of elementary particles completely by the energy contained within interacting and binding fields.

In this sense, we regard elementary particles as objects which produce some fields; e.g., a field of Coulomb interaction, or weak interaction or strong interaction, as the case may be, or even more than one of these fields at the same time. Each of these fields contains some given amount of energy—and exactly these energies should be able to explain the total mass of the particular elementary particle. Each particle can then be understood simply as a source of fields in space.

In the case of binding-energy, we observe a comparatively high density of energy in the volume very close to the bonded particles, but their fields compensate each other with increasing distance from the bonded field centres.

Seen this way, the nature of all mass is thus nothing else other than the manifestation of energy of the fields produced by field centres, or "elementary particles". In a quantum- or field-theoretical view, the mass can be understood as the manifestation of the produced interaction quanta.

Formulated the other way around, if we know the fields produced by a particle, then we can trace back to its mass.

This approach is not new. Feynman told of different efforts to explain the mass of the electron by its electric field. He concluded that electrodynamics runs into difficulties within this attempt. The problem is the same with classical electrodynamics following Maxwell, as it is with modern quantum electrodynamics. Feynman even described some attempts to modify Maxwell's theory, none of which can get free of problems and contradictions.

In my work, I demonstrate that it is indeed possible to explain the whole mass of the electron completely by its field's energy, as soon as *all* fields of the electron are taken into account—that is, the electrostatic field *and* the magnetic field. Putting both of them into a calculation (what Feynman did *not* do), I can easily explain the mass of the electron.

Together with the models of Feynman (and others), my model assumes a spherical electron, but its speciality is that the electron has to perform a rotation with all its surface elements moving with the speed of light. This absolute value of speed is somehow similar to the assumptions of some works of the California Institute of Physics and Astrophysics (CIPA), but the



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type of movement is totally different: they assume stochastic movement, while I assume well-ordered movement.

After performing all calculations, I come to a new value for the electron's radius of

$$r_{0.2} = 5.23 \cdot 10^{-13} m$$

instead of the old classical electron radius of some 10^{-15} metres.

Conclusion

If it is possible to explain all mass by the energy of fields and to regard the particles as sources of fields, then gravitation can be understood as a consequence of all other three interactions in the following way.

Electromagnetic, weak and strong interaction can be regarded as "basic fundamental" interactions which produce fields and, from these, produce a mass connected to these fields. This mass will then cause a bending of space-time, according to Einstein's theory of relativity, which corresponds to the formation of gravitation. From this point of view, we can understand gravitation as a consequence originating from the other "basic fundamental" interactions. So we can regard gravitation as a "subsequent" interaction.

For single elementary particles, the "basic fundamental" interactions dominate compared to the "subsequent" interaction of gravitation. But if very many elementary particles stick together (like in hadrons or in atoms or in objects of our everyday life), the "basic fundamental" interactions compensate one another within a very tight space (with fields that produce binding-energy) so that the sum of the "basic fundamental" interactions will have no further consequence other than keeping objects (or atoms) within their shape.

On long-distance range, only bending of space-time remains remarkable, which is important for the motion of the objects, as known from classical physics. In this sense, the explanation of mass by fields makes a connection between gravitation and all the other interactions recognisable.

About the Author:

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CREATIVE PHYSICS: A BLUEPRINT FOR SURVIVAL

by Professor Robert Pope © 2003
Introduction by Mark Balfour © 2003

Introduction

The philosophy and art of Robert Pope—Director of the Science-Art Research Centre of Australia, Inc. (SARCA)—are pointing in a direction which may well usher in a new paradigm for present-day scientific thinking. A clearer, brighter and vivifying light is effectively bathing the time-worn and tarnished Trojan horse of 20th-century mechanism. Its name is Creative Physics.

There is a physics for human survival on this planet—one that transcends the now outmoded Newtonian/Cartesian deterministic worldview; one that violates the long-held second law of thermodynamics and entropy. The life sciences are beginning to realise its importance. The worldwide alternative health movement is embracing its principles and there exists solid evidence enough to validate it in the realm of advanced biophysics.

As for the status of Robert Pope's art, which stands as a vivid metaphor for Creative Physics principles, the words of author Lawrence Durrell are highly significant: "The classical in art is that which marches by intent with the cosmology of the age" ("The Alexandria Quartet").

The following paper [reprinted here only in part; Ed.] presents Robert Pope's outline of Creative Physics, which is to be presented at forthcoming symposiums both in Australia and internationally. For further information, visit the website <http://www.science-art.com.au/ms.htm>.

— Mark Balfour, Director, Metavision Research Consultants
and author of *The Sign of the Serpent – Key to Creative Physics*
(Prism Press, UK, 1991)

On the morning of 26 April 2002, the Chair of Mathematical Physics at Cambridge University, Neil Turok, stated on ABC national radio that the ancient Greeks had probably got it right in the first place with their idea of an infinite universe.

The cover feature of the May 2003 issue of *Scientific American*¹ advised that enough scientific evidence now exists to demonstrate that the infinite universe is no longer a probability but is a reality.

Scientific reasoning can now examine the association of the evolutionary process within the functioning of an infinite universe. The social implications of this are enormous.

During the Golden Age of Athens, the concept of the *nous*—a whirling force that acted upon primordial particles in space to form the physical worlds and to evolve intelligence—became the foundation stone upon which the Platonic tradition of Greek scientific thinking arose. Socrates, Plato, Aristotle and Epicurus attempted to fuse ethics into the *nous* so that humans might avoid extinction from polluting an infinite ethical universal reality.

A warning to balance the materialistic description of scientific culture with an ethical scientific ethos belonging to the

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workings of an infinite universe was given in ancient Greek times in order to prevent the destruction of civilisation at the hands of an unbalanced materialistic science.

Within Newton's unpublished writings, purchased in recent times from Sotheby's, the fundamental infinite universal physics principles upholding the balancing Greek Science for Ethical Ends was referred to by Sir Isaac Newton as, and I quote from the journal *Nature*,² "a more profound natural philosophy to balance the mechanical description of the universe".

From within the Platonic tradition of the ancient Greek worldview, the warning about the destruction of civilisation was a simplistic one. Plato's destructive evil within the atom, translated by the Roman philosopher Plotinus in the third century AD as unformed matter capable of destroying civilisation,³ became a reasonable warning about the anti-life properties of nuclear weaponry or radioactive decay.

The transition from the simplistic scientific theory to the complex, which leads to the discovery of such specific novel phenomena, satisfies the criteria needed to classify the simplistic Greek warning as scientific.

Over two thousand years later, this same warning is being redelivered to us in more explicit detail. The god of Plato's chaos physics became Diabolis, the destroyer of universes, who creates disorder from order and, in modern times, the second law of thermodynamics...

The ancient Greek science to balance the mechanical description of the universe was called the Science for Ethical Ends. This was based upon a logic derived from geometrical ratios that associated the evolutionary process to the workings of an infinite universe.

This concept is inconceivable within the prevailing 20th-century worldview because it refutes the governing second law of thermodynamics. Universities around the world today subject science students to maintaining integrity to a worldview that is not only no longer irrefutable but scientifically obsolete.

Sir Arthur Eddington pointed out last century that any attempt to refute the second law of thermodynamics must result in a deeply humiliating experience. Einstein and the framers of the 20th century worldview referred to the second law as the "premier law of universal physics".⁴

To avoid such humiliation today, it is necessary to explain that many scientists, such as Max Planck Institute astrophysicist Peter Kafka, refer to the second law of thermodynamics as being useless and diabolical.⁵

Dr Adolph Smith, a former professor of life physics at NASA, wrote in his preface to our research centre's book, *The Engineering of Global Democracy*, and I quote, "Happily, by this time [1999] we know that the second law of thermodynamics has its limitations and is certainly not true for the universe as a whole".⁶

Stanford University cosmologist Andrei Linde is now one of many who hold that the universe is an infinitely expanding fractal expression, and biologists around the world are associating the living process to the workings of such an infinite universal model.⁷

It is now scientifically acceptable once again to associate the evolutionary process with the workings of an infinite universe. At a time when our universities are seeking sustainable biological growth and development policies to support the growth and development of a civilisation that demands an even more intimate association with the dictates of the second law, it becomes immoral to continue to prohibit the original association of the living process with infinity by calling it "inconceivable".

Our own research papers, published during the 1980s by Italy's scientific journal, *Il Nuovo Cimento*,⁸ and reprinted from the world literature in 1990 by IEEE in Washington, became an important physics milestone in which "The authors show for the first time via computer simulation that new physics laws govern biological growth and development.

Seashells do not appear to grow normally in our Euclidian or Minkowskian space-time, but require a structurally more general geometry".⁹

The lethal consequences of continuing to generate human survival simulations by using the geometrical logic supporting the 20th-century worldview is also pointed out in the multimillion-dollar research program about fractal geometry which I refer to later.

The absolute importance of this issue is now beyond doubt. However, because no scientific argument on this issue was tolerated last century, it becomes necessary to introduce it today via philosophy rather than through any traditional scientific presentation...

Editor's Note:

For a copy of the complete paper including references, visit website <http://www.science-art.com.au/blueprint.pdf> for a free PDF file, or send a large SSAE to Robert Pope at Science-Art Research Centre Australia, Uki NSW 2484, Australia, or contact the author by email at pope@science-art.com.au.

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A FRESH APPROACH TO GRAVITY

by Thomas T. S. Watson © July 2003

Abstract

This paper has been compiled to show that the force termed *gravity* is a natural internal magnetic attraction of protons and electrons with the support of the neutron particle and, combined with other atoms' magnetic attractions, emits a collective magnetic field. This internal magnetic emission from within the Earth generates the magnetic field as an averaged value at the surface of the Earth, and we accept the result as a gravitational value.

What is Gravity?

In 1981 while in Ballarat, Victoria, a friend and I witnessed a strange circular object silently slice through the night sky at an incredible speed. This made me realise that there was something here that science has not grasped, so I began a critical look at the subject of magnetism being taught in technical colleges and universities throughout Australia. After finding an enigma with the understanding of the magnetic emissions from the bar magnet, we soon associated these with similar magnetic emissions from Earth. The following are some of our initiatives:

1. Established a simple mathematical formula to establish gravity values by applying the known atomic mass structure as ratios between the nucleus and the electron's mass of any atomic structure. The emissions are based on this frequency as a magnetic emission we are calling gravity.

2. Found a gravity-proportional relationship between Earth and the geometric construction of the electron, knowing only latitude and altitude. The centre distance of the Earth to the point of interest was calculated as an ellipsoid with accurate dimensions of pole-to-pole and the Earth's equator diameters.

3. Found an acceptable reason for why and how the Earth rotates, physically reacting against the Sun's four magnetosphere segments, creating the elliptical orbital path.

4. Established a positive link between changes to the Earth's seasonal weather patterns and a dramatic magnetic polarity change of our Sun, recorded by NASA on or near 15 February 2001.

5. Established an intriguing connection between the known weight of matter per pound to the atomic structural relationship as indicated in (1) above.

A permanent magnet has a structural composition of an atomic magnetic radiation compound and internally generates a magnetic field, commonly known as the *field flux*. This magnetic field flux can be identified with an instrument known as a Gauss meter and/or with a prismatic compass. The Gauss instrument is able to measure the field polarity and intensity and identifies the strength of the field being emitted from the permanent magnet.

Likewise, our Earth has an emission of a magnetic field, or field flux, and the averaged emission is identified with a prismatic compass or, as in the early days, a lodestone. This magnetic field flux is being internally generated in the same manner as the permanent magnet, in that the Earth matter has abundant atomic structures and that these atomic materials have protons, electrons and neutrons as the most common identities in addition to other smaller and larger components that make up the atom structure that results in the strength of the matter structure. All this can be found in current scientific manuals.

The electron does not know the meaning of death. It is always within the valency of the atom's structure. The electron has the ability to attach itself to other atomic structures when the internal potential becomes greater than the nucleus will allow. This causes the electron to fall out of orbit and jump to the outside of a lower potential atom and realign itself when there is no potential difference between one end of the structure and the other end. After these jumps, the electron's work is completed.

This is likened to the action of switching on an electrical appliance. The electron does all the hard work when the current is pushing it through the cable, and the cable is doing its utmost to slow down the electron's internal travel.

This basic electron activity is explained, and the paper shows that the electron has a multiple activity between the proton/electron nucleus, and that this internal ratio is directly associated with the additional activity of the neutrons and other elements of the atom's construction. They combine to add each magnetic emission to the overall field flux, as found in the formula:

$$g = [((m_p / m_e) + n_e) / (m_p c^2)] / K$$

There are many known ratio associations between gravitational values.

By applying these magnetic field emissions, you are invited to research these areas of atomic magnetism and enlarge the minds of mankind to understand what Nature has been trying to tell us since Newton felt the apple fall onto him.

When this new approach is realised, you can then live in a free-energy environment without the need to burn off carbon fuels to make us feel warm.

About the Author

Thomas T. S. Watson, now 74, has been a draughtsman since the age of 14, and has years of design experience in the commercial aircraft and heavy automotive industries as well as light industry. An article about his research, "Gravity and Magnetism: Is There a Geometric Relationship?", was published in NEXUS 3/05.

To obtain a copy of this A4, 68-page paper, "A Fresh Approach to Gravity", contact the author by mail at 32 Kinlock Street, Bell Post Hill Vic. 3215, Australia, by telephone on +61 (0)3 5278 7628, or by email at tomw@datafast.net.au.



SUPPRESSED DISCOVERIES IN PHYSICS

When evidence comes to light that questions cherished theories, the usual practice of the scientific establishment is to reject it, not publish it, and denigrate it along with its discoverer.

Part 1 of 2

by Rochus Boerner

© December 2003

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Textbooks present science as a noble search for truth, in which progress depends on questioning established ideas. But for many scientists, this is a cruel myth. They know from bitter experience that disagreeing with the dominant view is dangerous—especially when that view is backed by powerful interest groups. Call it suppression of intellectual dissent. The usual pattern is that someone does research or speaks out in a way that threatens a powerful interest group, typically a government, industry or professional body. As a result, representatives of that group attack the critic's ideas or the critic personally—by censoring writing, blocking publications, denying appointments or promotions, withdrawing research grants, taking legal actions, harassing, blacklisting, spreading rumors.

— Brian Martin, "Stamping Out Dissent"¹

Science is in a state of crisis. Where free inquiry, natural curiosity, open-minded discussion and consideration of new ideas should reign, a new orthodoxy has emerged. This "new inquisition", as it has been called by Robert Anton Wilson,² consists not of cardinals and popes but of the editors and reviewers of scientific journals, of leading authorities and self-appointed "sceptics", and last but not least of corporations and governments that have a vested interest in keeping the status quo, and it is just as effective in suppressing unorthodox ideas as the original Inquisition was.

The scientists on the editorial boards of journals who decide which research is fit to be published and which is not, the scientists at the patent offices who decide what feats nature allows human technology to perform and which ones it does not, and the scientists in governmental agencies who decide what proposals to fund and not to fund, either truly believe they are in complete knowledge of all the fundamental laws of nature or they purposely suppress certain discoveries that threaten the scientific prestige of individuals, institutions or economic interests. Research which indicates that an accepted theory is incomplete, severely flawed or completely mistaken will be rejected on the grounds that it "contradicts the laws of nature", and therefore has to be the result of sloppiness or fraud. At the heart of this argument is the incorrect notion that *theory overrides evidence*. In true science, theory always surrenders to the primacy of evidence. If observations are made that after careful verification and theoretical analysis are found to be inconsistent with a theory, then that theory has to go—no matter how aesthetically pleasing it is, or how prestigious its supporters are, or how many billions of dollars a certain industry has bet on it.

But in current mainstream science, the opposite occurs with disturbing regularity. Anomalous evidence is first ignored, then ridiculed; and if that fails, its author is attacked. Scientific conferences will not admit it to be presented, scientific journals will refuse to publish it, and fellow scientists know better than to express solidarity with an unorthodox colleague. In today's scientific world, the cards are just stacked too heavily against true scientific breakthroughs. Too many careers are at stake, too many vested interests are involved for any truly revolutionary advancement in science to take place any more. All too often, scientific truth is determined by the authority of experts and textbooks, not by logic and reason.

Referring to the *fin de siècle* "end of science" mentality and the scientific revolutions following it, Robert G. Jahn writes in "20th and 21st Century Science":³

"As we enter the 21st century, science seems poised to execute a similar evolutionary cycle of advancement of their comprehension and relevance. We are opening with a steadily growing backlog of demonstrable physical, biological and psychological anomalies...most of which seem incontrovertibly correlated with properties and processes

of the human mind, in ways for which our preceding 20th century scientific paradigm has no rational explanations...

"Thus, at the dawn of the 21st century, we again find an elite, smugly contented scientific establishment, but one now endowed with far more public authority and respect than that of the prior version. A veritable priesthood of high science controls major segments of public and private policy and expenditure for research, development, construction, production, education and publication throughout the world, and enjoys a cultural trust and reverence that extends far beyond its true merit. It is an establishment that is largely consumed with refinements and deployments of mid-20th century science, rather than with creative advancement of fundamental understanding of the most profound and seminal aspects of its trade.

"Even more seriously, it is an establishment that persists in frenetically sweeping legitimate genres of new anomalous phenomena under its intellectual carpet, thereby denying its own well-documented heritage that anomalies are the most precious raw material from which future science is formed."

In his debut editorial as Editor-in-Chief of the *Journal of Scientific Exploration*, Henry H. Bauer⁴ gives a similarly bleak assessment of the state of modern science:

"Mainstream orthodoxy routinely resists novelties that later become accepted. Throughout the 20th century there are examples: Bretz's Spokane flood, McClintock's recognition of "jumping genes", Mitchell's insights into biological energy mechanisms, Woese's Archaea, and McCully's homocysteine. Only late in the 20th century did science reluctantly grant that acupuncture can have some analgesic effect, that ball lightning exists, that the kraken is not myth but the real giant squid, that it is not foolish to look for intelligent life outside the Earth, that 5,000-year-old megaliths incorporate substantial knowledge of astronomy, that human beings inhabited the Americas long before the days of the Clovis culture, and that living systems can sense not only electrical but also magnetic fields. Indeed, it may well be that the suppression of unorthodox views in science is on the increase rather than in decline.

"In *Prometheus Bound* (1994), John Ziman has outlined how science changed during the 20th century: traditionally (since perhaps the 17th century) a relatively disinterested knowledge-seeking activity, science progressively became handmaiden to industry and government, and its direction of research is increasingly influenced by vested interests and self-interested bureaucracies, including bureaucracies supposedly established to promote good science such as the National Academies, the National Science Foundation, and the National Institutes of Health. Parkinson's Law, it may be, applies to science as to other human activities: no sooner has an organization become successfully established than it is by that token already an obsolescent nuisance."

Anomalous evidence that inconveniences establishment science is usually disposed of by denying publication or simply ignoring the evidence after it has been published and moving on as if nothing had happened. But some renegade scientists manage to capture the attention of the general public, pleading their case to a larger audience that has no vested interest in the validity of the

established theories. When that happens, and significant interests are at stake, the scientific establishment will turn nasty, resorting to misrepresentation or outright falsification of evidence and even character assassination.

It will be shown below that all these methods of suppression have been deployed against paradigm-shattering discoveries in physics.

THE COLD FUSION SCANDAL

In March 1989, Drs Stanley Pons and Martin Fleischmann⁵ announced that they had achieved fusion by electrochemical means. Their discovery not only threatened to deprive the multi-billion-dollar "hot" fusion program of prestige and funding, it also called into question everything nuclear physics knew, or thought it knew. The physics establishment decided that the discovery was "pathological science", thereby changing the subject from whether a new discovery had been made to whether Pons and Fleischmann were con artists or just incompetent.

Several influential US laboratories (Caltech,⁶ MIT,⁷ Yale/Brookhaven⁸) reported negative results on "cold fusion" that were based on shoddy experimental work and a misunderstanding of the Pons-Fleischmann claims.⁹ They gave a hostile "hot fusion" establishment the excuse it needed to conclude that the claims made by Pons and Fleischmann were bogus. In November 1989, a Department of Energy panel concluded the same after a shallow mock investigation of only seven months.¹⁰

Dr Eugene F. Mallove, who was the Chief Science Writer at the MIT News Office at the time and now publishes *Infinite Energy*, a journal dedicated to covering potential new energy sources ignored by mainstream science, played a part in exposing the MIT report as mistaken, possibly fraudulent,¹¹ and in 1991 resigned in protest over it. He writes in "Ten Years That Shook Physics":¹²

"The 1989 reports of MIT, Caltech, and Harwell have each been analyzed by other scientists and these analyses have been published (see references, page 34, in *IE* issue no. 24). Each of the widely cited 1989 'null' experiments has been found to be deeply flawed in experimental protocols, data evaluation, and presentation. Each, in fact, contained some evidence of excess heat as claimed by Fleischmann and Pons. There is evidence that the MIT data was deliberately altered to erase an indication of excess heat. The altered data was published officially by MIT, and it was included in reports to a government agency under the official seal of MIT. The experiment was paid for out of federal government funds. This report had a dramatic impact on the perception of many scientists and journalists.

"It is ironic that each of these negative results [was] the product of the kind of low-quality work of which Fleischmann and Pons were accused. The difference was that the reports said what the hot fusion community wanted to hear. This was the legacy of the 1989 ERAB report, but that legacy must now be reversed—and it will be, however long that takes.

"Almost two years after they were concocted, Prof. Ronald R. Parker of MIT's Plasma Fusion Laboratory publicly stated that the MIT PFC cold fusion calorimetry data were 'worthless' (June 7, 1991). In the same period after I had challenged this data, Parker stated that 'MIT scientists stand by their conclusions' (August 30,

The physics establishment decided that the discovery was "pathological science", thereby changing the subject from whether a new discovery had been made to whether Pons and Fleischmann were con artists or just incompetent.

1991). "Which is it?" (A detailed chronology of this scientific cover-up can be found in the same issue of *Infinite Energy*.¹³)

Most people, including physicists, continue to be unaware that low-energy nuclear reactions (LENR) are real, and have been verified in hundreds of experiments throughout the 1990s.

In February 2002, the Space and Naval Warfare Systems Center of the United States Navy in San Diego released a 310-page report, titled "Thermal and Nuclear Aspects of the Pd/D₂O System",¹⁴ that discusses the overwhelming experimental evidence that the cold fusion effect indeed exists. Dr Frank E. Gordon, Head of the Center's Navigation and Applied Sciences Department, writes in the foreword:

"We do not know if Cold Fusion will be the answer to future energy needs, but we do know the existence of Cold Fusion phenomenon through repeated observations by scientists throughout the world. It is time that this phenomenon be investigated so that we can reap whatever benefits accrue from additional scientific understanding. It is time for government funding organizations to invest in this research."

A March 2003 *New Scientist* article¹⁵ quotes Robert Nowak, an electrochemist and a program manager in chemistry at the Office of Naval Research (ONR), and Melvin Miles, an electrochemist working with the Naval Air Warfare Center, on the suppression efforts that the US Navy research had to overcome:

"From the beginning, the idea was to keep things modest. 'We put less than \$1 million a year into the programme,' Nowak says. 'Above that level, the red flags go up.' [ONR Executive Director Fred] Saalfeld and Nowak never gave the programme its own line in the ONR's budget, but allotted money to it from miscellaneous funds. 'We were to keep working and we were allowed to publish our results, but we weren't supposed to say a lot about it,' Miles recalls. 'Some people were worried that word would get out and it would jeopardise the navy labs' funding from Congress for other research. We didn't even call it "cold fusion". We called it "anomalous effects in deuterated systems".'

"That was still not enough to keep the sceptics off their backs. 'Fairly prominent individuals within the physics community voiced threats,' Nowak admits. 'They said that they were aware that federal funds were going into cold fusion research and they were going to do what they could to stop it.'"

That "cold fusion" continues to be ignored by the scientific establishment, and, to add insult to injury, is being used synonymously with "bad science", usually in such expressions as "the cold fusion debacle", constitutes one of the greatest scientific scandals in human history and a human tragedy. While wars over oil are being fought, a potential source of energy that could solve humanity's energy problems for all eternity is being ignored by all but a small community of researchers. At the same time, the dead-end "hot fusion" program continues to receive billions of dollars in public funds. If there is a scandal associated with cold fusion, *this* is it.

So addicted is the plasma fusion community to government research funds, that even innovative concepts for hot fusion which threaten to lead to practical fusion energy soon—and to a corresponding gigantic embarrassment for the hot fusion establishment—are viciously suppressed.

A recent example is the suppression effort aimed at "focus fusion". Plasma physicists Eric J. Lerner, Dr Bruce Freeman and Dr Hank Oona used an innovative design to achieve hydrogen–boron fusion, which, unlike the deuterium–tritium reaction which the hot fusion mainstream is trying to create, produces no lethal neutrons. Yet the discovery met with stiff resistance from the hot fusion establishment, perhaps because it threatened the funding and prestige of the hot fusion program. A 2002 press release from the Focus Fusion Society¹⁶ describes the suppression attempts:

"On May 23rd Dr Richard Seimon, Fusion Energy Science Program Manager at Los Alamos, demanded Dr Hank Oona, one of the physicists involved in the experiment, dissociate himself from comparisons that showed the new results to be superior in key respects to those of the tokamak and to remove his name from the paper describing the results. The tokamak, a much larger and more expensive device, has been the centerpiece of the US fusion effort for 25 years.

"Seimon did not dispute the data or the achievement of high temperatures. He objected to the comparisons with the tokamak, arguing that it [*sic*] was biased against the tokamak. In addition, Seimon pressured Dr Bruce Freeman, another co-author of the paper, to advocate the removal of all tokamak comparisons from the paper.

"Both of my colleagues in this research have been threatened with losing their jobs if they don't distance themselves from the comparisons with the tokamak,' says Lerner who is lead author on the paper. 'Both of them had carefully reviewed and approved the paper originally and had endorsed its

conclusions. For them to be forced to recant under threat of firing is outrageous. It undermines the very basis of scientific discourse if researchers are not allowed by their institutions to speak honestly to each other..."

If the claims about focus fusion pan out, it could be the cheap, clean, inexhaustible source of energy that the hot fusion establishment has been promising the world for half a century but has failed to deliver.

TRANSMUTATION CONTROVERSY

If a new class of nuclear reactions can take place under low-energy conditions, then it is reasonable to expect even transmutations of heavy elements. But to conventional chemistry and physics, the claim of heavy elemental transmutations occurring in "chemical" systems, apparently validating the ancient proto-science of alchemy, constitutes an even greater provocation than cold fusion.

John Bockris, a distinguished professor of chemistry at Texas A&M and one of the world's leading electrochemists, had to learn this lesson in the early years of the cold fusion scandal. He

While wars over oil are being fought, a potential source of energy that could solve humanity's energy problems for all eternity is being ignored by all but a small community of researchers.

At the same time, the dead-end "hot fusion" program continues to receive billions of dollars in public funds.

successfully replicated the Pons and Fleischmann experiment in 1989 and discovered bursts of tritium production.

He then became one of the principal targets of a smear campaign against cold fusion research by science journalist Gary Taubes. Taubes was writing a book on cold fusion and had already made up his mind that cold fusion was "pathological science".¹⁷ He spent time with Bockris and his students at Texas A&M, posing as a disinterested seeker of the truth. There he got the idea that Nigel Packham, one of Bockris's graduate students, had "spiked" the cold fusion cell with tritium. The allegation was utterly baseless, but Taubes was out for blood and needed to have his scandal. He got *Science* to publish his allegations, which it did in its June 15, 1990 issue.¹⁸ Bockris called the editor and asked for the right to publish a detailed response, but his request was denied. Eventually, he managed to get a one-column letter published, denying the allegations and calling Taubes's piece a "gossip-based account".¹⁹

Publication of Taubes's paranoid delusions in *Science* gave them wide credence and circulation. A fair-minded article published in *Wired* in 1998 sets the record straight:²⁰

"We thought Taubes was genuine at first," Bockris told me recently, speaking in a clipped, precise British accent that he acquired before he moved to the United States in 1953. "We exposed our lab books to him, and told him our results. But then he said to Packham, my grad student, 'I've turned off the tape, now you can tell me—it's a fraud, isn't it? If you confess to me now, I won't be hard on you, you'll be able to pursue your career.'"

"(Taubes has been shown Bockris's statement. He prefers not to comment.)"

"According to Bockris, 'A postdoctoral student named Kainthla and a technician named Velev both detected tritium and heat after we took Packham off the work because of the controversy. Since then, numerous people have obtained comparable results."

"In 1994, I counted 140 papers reporting tritium in low-temperature fusion experiments. One of them was by Fritz Will, the president of The Electrochemical Society, who has an impeccable reputation."

"Still, Taubes's report in the June 1990 *Science* magazine clearly suggested that Packham might have added tritium to fake his results. This reassured many people that cold fusion had been bogus all along. Packham received his PhD, but only on condition

that all references to cold fusion be removed from the body of his thesis. Today he works for NASA, developing astronaut life-support systems. 'I don't know why Gary Taubes wrote what he did,' he says. 'Certainly I did not add any tritium in my experiment.'"

But for Bockris, the worst was yet to come. In 1991, he was approached by Joe Champion, an inventor from Tennessee who claimed he had found a process that could perform heavy element transmutation. Bockris eventually brought Champion to Texas A&M as a consultant and started experiments to replicate the claimed results.

In 1993, the local media got wind of the research and made it widely known that mediaeval alchemy was being performed at the university! This led to a second, even nastier, scientific witch hunt against Bockris. Twenty-three distinguished professors at Texas A&M signed a petition to the provost, asking that Bockris be stripped of his title, and 11 full professors in the Chemistry Department wrote a letter asking that Bockris be removed from the department. The petition stated:²¹

"...we believe that Bockris' recent activities [have] made the terms 'Texas A&M' and 'Aggie' objects of derisive laughter throughout the world... For a trained scientist to claim, or support anyone's claim, to have transmuted elements is difficult for us to believe and is no more acceptable than to claim to have invented a gravity shield, revived the dead or be mining green cheese on the moon..."

Bockris was subsequently investigated for fraud, based on charges that he was trying to defraud investors with false claims of being able to manufacture gold. He was "completely exonerated" only one week after a January 1994 hearing in which he had been allowed to present his research and defend himself.

The professors in the Chemistry Department who had initiated the investigation, led by Distinguished Professor Frank A.

Cotton, were disappointed at this outcome. So they secretly formed a committee to start yet another investigation. Bockris learned of the existence of this "Ad Hoc Committee" only when information of its existence was leaked to the press in June 1994. In classic totalitarian fashion, he was subsequently denied the right to defend himself before the committee and even to know what the charges were. He later learned that he was being investigated because his results were "impossible".

After 11 months of investigation, Bockris was exonerated again in May 1995. But the official investigation is only part of the story. An article in *Infinite Energy*,²² which describes the entire affair in full detail, suggests a psychological explanation for the unscientific conduct of Bockris's colleagues:

"One of the most difficult aspects of the treatment to which Bockris was subjected was social ostracism, starting with Dean [Dr W. Michael] Kemp's accusation and not even ending with the second exoneration. There were about sixty-five professors in the large Chemistry Department at Texas A&M. Most ignored Bockris for much of the two-year period in which the

University, egged-on by ring-leaders in the Department, acted against him. After the first complete exoneration, two professors did congratulate him, but he was isolated.

"Bockris' wife Lilli felt it perhaps more than he, because she had a number of faculty wives whom she had known as friends. When she met them now in the supermarket, instead of having the usual kindly chat, they turned their backs on her. Lilli recalls that the year she spent in Vienna after the Nazis took over seemed to her less unpleasant and threatening than the isolation and nastiness which she felt in College Station, Texas, from 1993 through 1995.

To conventional chemistry and physics, the claim of heavy elemental transmutations occurring in "chemical" systems, apparently validating the ancient protoscience of alchemy, constitutes an even greater provocation than cold fusion.

"One would have thought that after all that had been done, everything would be settled now. This was not the attitude of many of Bockris' colleagues. The motivating force for the antipathy may be the subconscious fear that the discoveries of the Bockris group might eventually be proved and recognized. Then his original contributions would be rated as discoveries of great magnitude. There were at least two professors in the Chemistry Department who had made it known that they expected to receive the Nobel Prize in Chemistry some day. The possibility that it might go instead to a colleague whose work they so much denigrated must have been an unwelcome thought.

"(They did not have the attitude of physicist Richard Feynman, who was displeased by the artificial focus on one person's accomplishment that the Nobel Prize system encouraged.)

"Having failed in the three official investigations that had been carried out against Bockris, they decided that all they could do would be to persuade the head of the department to have Bockris shunned—as in an excommunication for religious heresy. No one was supposed to speak with the errant Bockris. For a long time, absorbed in his work as ever, he didn't understand that shunning was underway. Most of the colleagues had been ignoring him anyway since the inquiries had begun in 1993.

"He did notice, however, that whenever he wanted to talk to the Head of the Department, perhaps once every few months, he [the Head] came to his office and did not invite Bockris to come to his. Of course, he was more than twenty years younger than Bockris, but later Bockris realized that this was an example of the shunning. The Head did not want anyone to see that he was talking collegially with Bockris!

"Bockris' colleagues in the physical chemistry division took no notice of the shunning order, which might have gone around unofficially. In practice, the shunning made no effective difference to how Bockris carried out his work, though it was a very considerable act of spite. It proved once again that at least in the Chemistry

Department at Texas A&M University, research results which do not agree with existing theory are not tolerated."

The *Wired* article²³ suspects financial motives behind the scientific establishment's anti-scientific witch hunt:

"Financial factors may have played a part in the fierce animosity exhibited toward cold fusion experiments. When a congressional subcommittee suggested that \$25 million could be diverted from hot fusion research to cold fusion, naturally the hot fusion scientists were outraged."

Today, the evidence that transmutation of heavy elements can occur in electrochemical systems has become fairly strong. Yasuhiro Iwamura, Mitsuru Sakano and Takehiko Itoh of the Mitsubishi Advanced Technology Research Center in Japan have shown reproducible transmutation of caesium (Z=55) into praseodymium (Z=59) and strontium (Z=38) into molybdenum (Z=42) in a deuterium-palladium system. Their results were published in 2002 in the *Japanese Journal of Applied Physics*.²⁴

These results were recently independently replicated by T. Higashiyama *et al.* at Osaka University and presented at the Tenth International Conference on Cold Fusion in Cambridge, Massachusetts, on August 24–29, 2003.²⁵

At <http://www.lenr-canr.org>, the interested reader can find a

comprehensive collection of papers on low-energy nuclear reactions.

DOUBTS ABOUT VALIDITY OF RELATIVITY THEORY

Einstein's theory of *special relativity* (SR), published in 1905, is one of the foundational theories of modern physics. It states that the vacuum speed of light is the same in every direction for all observers in initial (non-accelerated) reference frames, and that time and space coordinates combine in a peculiar way when measured from different inertial systems. Exactly how this happens is described by a set of equations called the *Lorentz transformation*.

Strictly speaking, special relativity theory does not apply to anything in the physical universe, since gravitational fields, however minute, are always present. It took Einstein about 10 years to incorporate gravity and acceleration into his theory, and the result is known as *general relativity* (GR). It describes gravity not as a force, but as curvature of space-time caused by mass. According to general relativity, there can be no such thing as a gravity shield.

Despite the consensus of a majority of physicists that special relativity is proven beyond a shadow of a doubt, there is a well-reasoned experimental and theoretical case *against* its validity. But relativity dissidents are routinely censored from presenting their ideas at conferences or having them published in the scientific literature.

John E. Chappell, Jr, the late Director of the Natural Philosophy Alliance (an organisation of relativity critics), relates the following suppression experience:²⁶

"There has been a particularly vicious attitude towards critics of Einsteinian relativity at UC Berkeley... I ran into it in 1985, when I read a paper arguing for absolute simultaneity at that year's International Congress on the History of Science. After I finished, the Danish chairman made some courte-

ous remarks about dissidents he had learned about in Scandinavia, and then turned to the audience for questions. The first speaker was one of a group of about four young physics students in the back. He launched immediately into a horrible tirade of verbal abuse, accusing me of being entirely wrong in my analysis, a simplification of the Melbourne Evans analysis—'Evans is wrong; you are wrong,' he shouted. He accused me of being way out of line to present my 'faulty' arguments on his prestigious campus. When I started to ask him 'Then how would you explain...!', he loudly interrupted me with 'I don't have to explain anything.' The rest of the audience felt so disturbed by all this that the question session was essentially destroyed."

Such reactions are not uncommon. Even to begin to criticise Einstein's theory of special relativity has become a scientific heresy of the highest order.

The prevailing attitude of the physics establishment is that anyone who doubts the validity of this "bedrock of modern physics" is insane, and that trying to refute it is a symptom of "psychosis".²⁷

Caltech Professor David L. Goodstein states in a videotaped lecture titled "Atoms to Quarks":²⁸

"There are theories in science, which are so well verified by experience that they become promoted to the status of fact. One

Even to begin to criticise Einstein's theory of special relativity has become a scientific heresy of the highest order.

example is the special theory of relativity—it's still called a 'theory' for historical reasons, but it is in reality a simple, engineering fact, routinely used in the design of giant machines, like nuclear particle accelerators, which always work perfectly. Another example of that sort of thing is the theory of evolution. These are called 'theories', but they are in reality among the best established facts in all of human knowledge."

Isaac Asimov has stated that "no physicist who is even marginally sane doubts the validity of SR".²⁹

An article on relativity dissidents³⁰ quotes relativist Clifford Will of Washington University expressing a similar sentiment:

"SR has been confirmed by experiment so many times that it borders on crackpot to say there is something wrong with it. Experiments have been done to test SR explicitly. The world's particle accelerators would not work if SR wasn't in effect. The global positioning system would not work if special relativity didn't work the way we thought it did."

Unfortunately for the progress of physics, when opinions like these reach a critical mass, they become self-fulfilling prophecies. Dissent is no longer respected or even tolerated. Evidence to the contrary can no longer be communicated, for the journals will refuse to publish it.³¹

Mathematically and logically, the notion that a theory that has made many correct predictions must necessarily be true is untenable. Scientific models can produce arbitrarily many, arbitrarily good predictions and still be flawed, as the historical example of the Ptolemaic (geocentric) model of the solar system shows. It does not matter how many observations are consistent with a theory if there is only one observation that is not. Ironically, relativity itself should have driven this point home to physicists long ago.

For centuries, Newtonian physics had led science to one triumph after another in explaining the inner workings of the natural world, and at the end of the 19th century no physicist who was "even marginally sane" doubted its validity.

After all, hadn't the validity of Newtonian physics "been confirmed by experiment so many times" that it "borders on crackpot to say there is something wrong with it"? Didn't the operation of the world's steam engines prove its validity? And yet, Newtonian physics loses its validity at speeds approaching the speed of light. In hindsight, it is obvious why the discrepancy was never caught. Due to the enormity of the speed of light, c , effects of the order of v/c only manifest themselves in highly sophisticated experiments.

Similarly, even modern technology cannot easily distinguish between relativity and competing theories that agree with relativity at first order of v/c but disagree at higher order. One such competing theory is Ronald Hatch's Modified Lorentz Ether-gauge Theory (MLET).³²

Hatch, a former President of the Institute of Navigation and the current Director of Navigation Systems Engineering at NavCom Technologies, is one of the world's foremost experts on the global positioning system (GPS). Concerning the question of whether the operation of the GPS proves the validity of SR, he has come to conclusions diametrically opposite to those reached by Clifford

Will. In "Relativity and GPS",^{33,34} he argues that the observed effect of velocity on the GPS clocks flat out contradicts the predictions of special relativity.

Hatch's proposed alternative to special and general relativity theory, MLET, agrees with general relativity at first order but corrects many astronomical anomalies that GRT cannot account for without *ad hoc* assumptions, such as the anomalous rotation of galaxies and certain anomalies in planetary orbits. In addition, the force of gravity is self-limiting in MLET, which eliminates point singularities (black holes), one of the major shortcomings of GRT. One of the testable predictions of Hatch's theory is that LIGO, the Laser Interferometer Gravitational Wave Observatory, will fail to detect any sign of gravity waves.

The Michelson–Morley and Aether Drift Experiments

Relativity textbooks all contain the story of how the Michelson–Morley experiment³⁵ supposedly proved the non-existence of a light-carrying medium, the aether.

In this experiment, light rays were sent on round trips in different directions and then reunited, resulting in an interference pattern. If an aether "wind" caused the speed of light to be direction-dependent, then rotation of the experimental apparatus would result in a shift of this pattern. But such a shift was never detected, proving the isotropy (direction independence) of the speed of light—or so the story goes.

But physical reality is more complicated than the foundational myth of relativity would have us believe. An examination of historical papers on the subject indicates that relativists have rewritten history. The M–M experiment of 1887 found only a fraction of the effect size predicted by the stationary aether hypothesis, thus clearly disproving it, but the effect was emphatically not "null" within the accuracy of the experiment.

Dayton C. Miller reviews the evidence in "The Ether-Drift Experiments and the Determination of the Absolute Motion of the Earth" (1933)³⁶ and concludes that:

"The brief series of observations was sufficient to show that the effect did not have the anticipated magnitude. However, and this fact must be emphasized, *the indicated effect was not zero*; the sensitivity of the apparatus was such that the conclusion, published in 1887, stated that the observed relative motion of the Earth and ether did not exceed one-fourth of the Earth's orbital velocity.

This is quite different from a null effect now so frequently imputed to this experiment by the writers on Relativity."

Miller then discusses the original M–M data and shows that there is a systematic effect indicating a speed of the Earth relative to the aether of 8.8 km/s for the noon observations and 8.0 km/s for the evening observations.

Relativity sceptics like Miller believed that the aether may be entrained ("dragged along") by the Earth. To test this hypothesis, Miller endeavoured to replicate the M–M experiment (which had been performed in a basement in Cleveland) at greater altitude on Mount Wilson, where presumably there would be a stronger aether drift. After years of careful experimentation, Miller indeed

Hatch, a former President of the Institute of Navigation, is one of the world's foremost experts on the global positioning system (GPS).

He argues that the observed effect of velocity on the GPS clocks flat out contradicts the predictions of special relativity.

found a systematic deviation from the null result predicted by SR, which greatly embarrassed Einstein and his followers. Einstein tried to explain it away as an artefact of temperature variation, but Miller had taken great care to avoid precisely that kind of error.

Miller told the Cleveland *Plain Dealer* on January 27, 1926:

"The trouble with Professor Einstein is that he knows nothing about my results... He ought to give me credit for knowing that temperature differences would affect the results. He wrote to me in November suggesting this. I am not so simple as to make no allowance for temperature."

But the tide of scientific opinion had turned against the aether and in favour of Einstein. The 1919 solar eclipse observations led by Sir Arthur Eddington, which allegedly confirmed general relativity's prediction of the deflection of starlight by a gravitational field, were so ambivalent and poorly performed that they were scientifically worthless,³⁷ but thanks to Eddington's authority they were accepted as a resounding confirmation. Some of the stars had moved in the direction predicted by Einstein, but not as much or too much; others had even moved in the opposite direction.

Confirmation was obtained by the "scientific" device of discarding the data that didn't fit the prediction and retaining the data that did. The "confirmation" was triumphantly announced by Eddington at a joint meeting of the Royal Society and the Royal Astronomical Society to an audience that had not actually seen the data first hand. In the judgement of an eyewitness, the meeting resembled a coronation ceremony rather than a scientific conference.³⁸

Because of this scientific fraud, Einstein became a world celebrity overnight, surrounded by an aura of scientific infallibility. Miller's results—which suggested that in order to detect anisotropies in the speed of light, the interferometer needed to be surrounded by as little matter as possible and located at a high altitude—were ignored in subsequent tests of the isotropy of the speed of light, such as the Brilliet–Hall experiment³⁹ and, recently, the Müller experiment.⁴⁰

After Miller's death, one of his students, Robert S. Shankland, gave the physics establishment the final excuse it needed to forget Miller's work for good.⁴¹ Shankland simply revived the old criticism of temperature variations, against which Miller had always

successfully defended himself during his lifetime, to reach the conclusion that Miller's results must be invalid. Some relativity sceptics believe that that conclusion was preordained by Shankland's manifest devotion to Einstein, which is evident in his writing.^{42,43}

One of these sceptics, James DeMeo, PhD, has undertaken a detailed review of Miller's work and Shankland's critique⁴⁴ that comes to the conclusion that the Shankland team "with some degree of consultation with Einstein, decided that 'Miller must be wrong' and then set about to see what they could find in his archive that would support that conclusion".

It must be noted, however, that Miller's determination of the velocity of the Earth relative to the aether is incompatible with modern observations. Miller found that the solar system is moving at a speed of 208 kilometres per second (km/s) towards a point in the Great Magellanic Cloud in the constellation Doradus, in contradiction to modern measurements discussed below.

Even if the alleged null result of the M–M experiment is accepted, the isotropy of the speed of light does not necessarily follow. M. Psimopoulos and T. Theocharis, two physicists at Imperial College, London, point out in a 1986 letter to *Nature*⁴⁵ that the M–M experiment has only been performed in terrestrial laboratories, where the

gravitational field and the magnetosphere of the Earth and other ambient factors are always present, and must therefore be repeated in space before its conclusions can be accepted as universal. They note that:

"...all sorts of experiments have already been conducted in space. But the few experiments which might have truly tested the perhaps most fundamental and controversial hypotheses in twentieth-century physics—Einstein's postulates—have curiously not been done."

Continued next issue...

But the tide of scientific opinion had turned against the existence of the aether and in favour of Einstein.

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THE UMMO LETTERS: ET CONTACT OR HOAX?

Nearly 40 years after a select few people in Spain started receiving letters allegedly from ETs visiting from the planet Ummo, the controversy continues but no hoax has yet been satisfactorily proven.

by Joss Morisson © 2003

English translation from French
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Ummo website:
<http://www.ummo-sciences.org>

SPAIN, mid-1960s – Some people start receiving letters with strange contents. The authors introduce themselves as ETs, but add that they should not be believed; they pretend to have been studying our civilisation for a decade, and wish to communicate with a selected group of individuals in order to give information about themselves, without disrupting our social network. They require that the information should remain within restricted circles. Hoax or encounter of the third kind? Some say the story is not over...

The Ummo file, or Ummo case, as sometimes referred to, is one such that arouses either dismissal with a condescending snigger or incentive to plunge into it and wind up gasping for fresh air. Suffocation is a real risk, as there are more than 1,400 original typewritten pages (a total of 3,850 pages which the Ummites declare having sent throughout the Earth) of technical descriptions, scientific, psychological, philosophic or spiritual developments, with drawings and calculations. Thousands of sheets have been sent to different countries, to isolated addressees, chosen on mysterious criteria. The whole thing has been on for nearly 40 years, and might still be going. According to the "Ummophiles" constellation, the real story has not been written—despite claims, comments and conclusions from distinguished ufologists, for whom this is obviously a hoax. For what else could it be but a hoax? Common sense is essentially reassuring here.

However, things are not so simple. If the Ummo story is to be considered only from a sociological point of view, its real interest remains unnoticed. And what makes this story so interesting is certainly not the paranoia, mythomania or mere excitement conferred on it by its alleged alien origin, but the actual content of the letters.

Today the known texts are on the Internet, and what better place is there to remain unnoticed—because *they* do not wish to be believed. Yes, they are here among us, like an *X-Files* episode, but they do not wish to disrupt our already so heterogeneous and disturbed social network with a massive announcement, the "proof" of their presence. The problem is that this argument goes back to the 1960s, and many are weary of waiting for contact. Surely enough, we did not make much progress, and our inclination for "inter-destruction", as they might call it, is still marked, meaning war and all forms of violence and coercion. That is why, according to some people, they are still around: task forces taking turns, with maybe fewer individuals, but continuing their studies of Earth's humanity and communicating on a sporadic basis with some "chosen" persons. The risk is indeed high that the latter might consider themselves "chosen". Who would not be glad to have a "nice" ET contact, even through correspondence?

CONTENT AND TONE OF THE LETTERS

If the letters' content is so "enthraling", though not to everyone's mind, their form plays a major part. The style is indeed near hypnotic with its impersonality, its descriptive dullness, absence of affection, feeling and humour, with apparently absurd twists and turns used to describe some object or concept which we refer to with a single word. In short, the form is undoubtedly exotic, but could be simulated. However, the letters seem extremely rich in information, dealing in the same cold and rational tone with hygiene on planet Ummo, with their conception of the multidimensional multi-universe, including its non-elementary particles, and even with what we call God. We already have a lot of ideas on this issue, but theirs are still more elaborate!

Indeed, the Ummites appear to be ahead of us, considering a comparison of our evolutionary cycles. They are human beings as well, and not some kind of demigods, they say.

If they visit us, at least we must acknowledge their leadership in science and technology. Their planet is 14 light-years away from Earth, but the journey only requires a few months, thanks to hyperdimensional foldings of which they know how to take advantage. Their spacecraft materialise and dematerialise thanks to their mastery of antimatter and twin universes... But exactly how far ahead of us are they? Their acute sense of ethics, derived from a unified understanding of the universe which unites science and spirituality, is at the origin of the letters.

According to one of these letters, a spacecraft first landed in March 1950 in a low mountain zone in the French Alps. The "Ummite task force" then watched and inspected the surroundings, and went so far as to have a close encounter with a young shepherd, taking advantage of a morphological similarity which makes them resemble the Scandinavian type. Soon realising they had better be discreet, they decided to carry on research and observation secretly.

When they judged that they knew enough about us, they decided to make contact with a few individuals in order to spread information (as a payback for that collected on us), and also to evaluate our reactions to their statements. Thus in 1965, or probably sooner, the first letters arrived, opening with:

"We know the transcendence of what we are about to tell you. We are aware that such a statement could only come from a joker, a mentally ill person, or some journalist or advertising executive aiming at exploiting it for his own profit. When some news item escapes the usual framework of veracity, and in the absence of ways and means to check its reality, any balanced and intelligent mind has the right to, and should, adopt a sceptical attitude. Bare testimony should not be accepted, even less when its origin is unknown and thus open to deception. For us, what we are going to tell is true. But according to all logic we cannot ask you to believe such amazing affirmations. We admit that we would do the same if we were you..."

Then, further on, they write:

"We come from a planet whose verbal or phonetic formulation could be transcribed as: UM-MO [in Spanish, (U)MMO]".

They then proceed with scientific data concerning distance, mass, size and many other things about their planet and its inhabitants. The tone is set: the letters will henceforth have this sort of neutrality and precision, and will be filled with scientific and technical data, sometimes calculations and formulas, often drawings. In fact, each letter's content is adapted to its addressee. The recipient is sometimes confronted with a 40-page document.

MAKING SENSE OF THE DOCUMENTS

In Spain, the first "official contact" to receive such a letter is Fernando Sesma, in Madrid, in 1965. This man is interested in esotericism and UFO stories, and claims that at the time he was in actual contact with ETs. He periodically gathers a small group of amateurs in the basement of a famous café (León), a room called "The Merry Whale". As new letters come in, motivations and methods of these dispatches can be pieced together.

The Ummites claim to have sent documents in the first place to high-ranking scientists in different countries, including Spain, to arouse their curiosity. Having encountered polite but clear rebuttals, they then tried another strategy. They decided to focus on people more open to these questions, and to search for UFO amateurs, journalists and writers. Soon a group gathered around Sesma in the Merry Whale Room for readings of Ummite documents. Letters sent at the time to several countries had been indiscriminately posted from anywhere on the planet.

A few weeks after the first dispatch to Sesma, a sighting took place in Aluche, near Madrid: a spacecraft landed, and the story was told by local press. Another sighting subsequently occurred in similar conditions in San José de Valderas in June 1967. These cases have been widely exposed as unsubtle put-ons (see box, "Faked Photographs?"), yet marks and objects were left...

In 1975, Jean-Pierre Petit, a French engineer, learned about the texts. He is one who has lent credit to the Ummites story, in France

and beyond, through several books he has written on the subject. J.-P. Petit studied the scientific material in the letters, particularly everything that concerns the structure of the universe, antimatter and other information that led him to develop what is called the magnetohydrodynamic (MHD) propulsion mode. Some of his work is published in peer-reviewed journals in physics and astrophysics and presented at international conferences. Showing both nerve and humour, he even goes so far as to mention an Ummites sender in one article's references! Then, in turn, Petit started to receive letters. One of them is published in his most recent book, *UFOs and US Secret Weapons (OVNIs et Armes Secrètes Américaines*, Editions Albin Michel, Paris, 2003), demonstrating that he is still at it. [See his website, <http://www.jp-petit.com>, and article in *Science News* 9/05; Ed.]

But Petit, who is an excellent populariser, has a strong personality and denounces the Spanish group's propensity to hold almost in reverence those "blond beings from outer space" and to obey, though not always "to the letter", the strict conditions required by the

Ummites concerning the spreading and collective readings of the documents. Later they explain that they conducted an experiment on the level of acceptance of brand new ideas in a given network... Petit will not rest until he has a real contact!

HOAX THEORIES

Up to this point, the file is inextricable enough, and almost everything has been written or said on the subject. The hoax thesis prevails and comes in many versions, blaming students, scientists, spies, CIA agents, KGB, etc.

That was up until that day in 1993 when Luís Jordan Peña, who is linked to the story with the sighting in Aluche, admitted that he'd set it all up—though he later retracted this admission in private, saying that "they" told him to confess. Eventually, in 1998, he reconsidered his assertions but said he had acted with the helping hand of "a North American organisation"!

French journalist Gildas Bourdais, brought around to the hoax

The Ummites claim to have sent documents in the first place to high-ranking scientists in different countries, including Spain, to arouse their curiosity. Having encountered polite but clear rebuttals, they then tried another strategy.

thesis, gives a surprising answer to the question, "Why?" According to him, this huge manipulation was aimed at discrediting ufology and making fools of ufologists through a faked contact. [See his article posted at website <http://www.ufocom.org>; Ed.].

Could such an expensive and complicated program, involving only a group of about 30 Spanish contacts, have been put up to get to this point more than 30 years later? Building up such an elaborate plan over such a long period would maximise the risks. And why should anyone aim at holding ufology up to ridicule if it were not to hide the fact that UFOs are real? A venture like this then appears to be as disproportionate as it is hazardous, and unnecessarily sophisticated.

Furthermore, the letters are not particularly pro-American, as Gildas Bourdais notes, but neither are they pro-Soviet. Never short of arguments, some ufologists suggested a manipulation from the CIA, when the letters were hard on the Soviet system, taken up in turn by the KGB to criticise the United States through the Ummites!

One can see how this reasoning seems scarcely economical and how some would resort to any mental contortion to contrive motivations for what can only be a huge hoax.

Hoax or real fact, each version remains an hypothesis as long as it has not been proved. But today, this story has become such a puzzle that one might contend oneself with pulling a few threads one by one, hoping to gather a mere body of assumptions. Bourdais acknowledges, for his part, that this "file" is totally "apart" in ufology.

ATTEMPTS TO DECIPHER THE LANGUAGE

Recently, a new major element has been brought to the file. The Ummite letters are sprinkled with ideogram-like "words" of their own language, for which they give an equivalent in Spanish (e.g., "OYAGAA" for "the Earth").

A lexicon has thus been established and some inquisitive minds have tried to break the code of this language, matching it with languages labelled by Europeans as "exotic", such as Chinese, but without success. Unsurprisingly, as part of a hoax the language would have been meaningless.

The words appear as sequences of letters from our alphabet, often doubled or tripled within each word, hence hard to pronounce.

In 2002, under the pen name "Jean Pollion", a scientist published a book (*Ummo: de vrais extraterrestres*, Aldane, Cointrin, Switzerland, 2002) in which he claims he has cracked the code. It should be pointed out that this Ummite language is supposed to be the "first level" in their communication mode, as their science in fact relies on a four-valued logic, whereas we use third-excluded logic, i.e., with two values (every claim is either true or false; see the problems caused by this in quantum physics, for instance).

FAKED PHOTOGRAPHS?

The sighting in San José de Valderas (1 June 1967) started at about 8 hrs 20 pm and lasted for 12 minutes. According to Luis Jordan Peña, several witnesses, including two photographers with cameras, watched the whole scene. Each photographer handed over his film anonymously to the local press. Those famous pictures have been analysed by several teams, including one led by Claude Poher, who was then a CNES executive (CNES is the French National Centre for Space Studies). It was just before he founded, in 1977, the GEPAN which later became the SEPRA (Study of Unidentified Aerial Phenomena) [see *Twilight Zone*, NEXUS 6/06; Ed.]. Today, Jean-Jacques Velasco runs this unit in Toulouse. He recalls his involvement in the analysis:

"Two major elements allowed us to say the pictures were fake. Using the original photograph, we conducted a geometric and 'densitometric' analysis. Both show that the object is very close to the camera. With silver-based emulsions, the contrast response reveals the object's distance. Secondly, the microscopic analysis down to the grain shows a 'break' above the object, a vertical line that we identified as a nylon thread (supporting 'two plastic camping plates stuck together'). Put together, these elements allow to conclude in favour of a model."

It would thus be a crude special effect, as confirmed by other analysis, though not all reliable. Poher mentions the thread in interviews, but his report published in March 1977 in the *Infoespace* journal does not mention it. Perhaps the analysis took place later. The same year, William Spaulding from Ground Saucer Watch in Phoenix (Arizona) analysed the pictures with a computer and claimed he had detected a thread. A team of Spanish investigators, led by Carles Berche, reached the same conclusion in 1994.

However, the pictures still have supporters, who claim that Claude Poher, after first calling, in Madrid, Rafael Farriols and Antonio Ribera (who had given him the pictures) to tell them that the analysis was very positive, subsequently published negative results. Manipulation of the original films is suspected. The negatives are supposedly in possession of the ufologist Juan José Benitez, who would have "borrowed" them a few years ago. Until his death, Ribera declared that the pictures were genuine.

Benitez called on the services of the Guardia Civil for a new analysis, with the apparent conclusion that the thread is in fact a scratch on the negative...

Another line of thought is to consider that the pictures are indeed a forgery intended once again (by the Ummites) to discredit the whole case. In his first book on the subject, Jean-Pierre Petit supports this idea (real-fake pictures) and an Ummite letter seems to have confirmed this. Indeed, if the pictures are too beautiful to be genuine, maybe they are also too beautiful to be false...

Moreover, he says that using this "first level" language they can communicate through telepathy.

Jean Pollion thinks he has revealed the system behind these terms. After many cross-checks and years of work, his hypothesis is that the sound of each letter is meaningful in the term. Thus he identifies 17 "soundcepts", whose arrangement in a given order produces the signification of the vocable. For example: "A" stands for "truth, action, effectiveness"; "D" stands for "expression, form, appearance"; "E" for "mental image, perception, sensation, idea", etc. Even if a conceptual shoehorn is sometimes needed to follow Pollion, his model seems fairly functional. It allows reconstitution of an elementary language, essentially descriptive and devoid of "object words" as we use them. The Ummites describe their first-degree language as basic and functional. Higher degrees enable handling fewer "objective" concepts, like scientific or spiritual ones.

A DIALOGUE ON THEORETICAL PHYSICS

Since Jean-Pierre Petit has explored the cosmological side, let us take a look at the highly complex case of elementary particles.

However, to avoid stepping into that complexity, it might be

AN UMMOPHILE'S VIEWPOINT

André-Jacques Holbecq, a retired *Concorde* pilot and author, is one of the contributors gathering the pieces of the Ummite puzzle, with passion and a lot of humour, too.

"Our activity is crystal clear; there are no secrets," he explains. "The website and discussion list are open to everyone. We must be realistic: the Ummo file seems very coherent and consistent to us, but there is still room for doubt. It should not be approached with 'blind faith', otherwise one loses all objectivity to make investigations. In the end, even if this is a put-up by some Earthling, he would still have to be a bit of an ET to have done it, so the file remains a wonderful invitation to think, with a lot to chew over.

"For the time being, we think we have gathered nearly all the originally 'spread' letters. Maybe other people in the world have information they withhold for some reason or other. It is the huge scientific content that makes the documents so interesting. One finds all along genuine information as well as misinformation, but mostly concerning details and "odd" aspects of their presence on Earth. This is meant to shed disbelief on the whole case, making it more difficult to apprehend.

"If their presence is real, then, from their point of view, it would seem logical to spread information but simultaneously make sure that no one could gather all the elements liable to constitute clear evidence of their existence. The misinformation acts as a means of control over the spreading of information. It would require police enquiries and huge means to trace it all back. However, on the scientific scene, perhaps some discoveries will confirm or invalidate their sayings..."

interesting to make some comparisons. I have collated, in dialogue form, sentences extracted from 1966–1967 Ummite letters (quoted as "U") and combined them with quotations from a recent book, *Beyond Space and Time: The New Physics (Au-delà de l'Espace et du Temps: La Nouvelle Physique*, Le Pommier, 2003), by Marc Lachièze-Rey, a theoretical physicist and astrophysicist from the French National Centre for Scientific Research. He tries to sum up what today's research in physics is all about (his quotations are represented by "P"), and the extracts concern the conception of the universe and its elementary components.

U: "The contradictions observed by you in relativistic physics and quantum mechanics are the product of an original defect. They are the consequences of basic and fundamental mistakes in concepts."

P: "Relativistic description neglects the internal properties of matter; quantum description neglects gravitation (space-time geometry)."

So far, nothing much surprising, since anyone interested in physics circa 1966 would have known this.

In another extract, the Ummites mention their concept of an "elementary component", which we refer to as "Z".

U: "We will explain the concept of Z, which must never be confused with the concept of a geometrical or mathematical point, elaborated by Earth's physicists as an abstraction with no physical reality."

P: "From the concept of point originated the most important difficulties in physics... Non-commutative geometry considers spaces with no points... The first advantage established by the string theory (in the 1980s) is that interactions are no longer localised as points in the space-time continuum."

The idea of a no-point geometry was proposed in the 1930s, but

formalised only a few years ago. Thus we are talking about highly specialised concepts for 1966, but it is getting even more puzzling.

U: "You should only replace 'space-time continuum' by 'discrete (discontinuous) set of Z'."

P: "We would like to consider a space-time which is discrete and not continuous."

P and U really seem to agree !

U: "For us exists what is called space-time...but immersed in an N-dimensions framework."

P: "Conventional cosmological conception does not allow us to see our space-time as immersed in something else. But in recent theories (superstrings and branes), our space-time is indeed immersed in something wider: the sub-space, a sort of back-world... Our space-time represents only a part of the universe."

U: "Our cosmos is what you call a space-time continuum; we need 10 dimensions to define it mathematically."

P: "[In the superstring theory] the space-time is replaced with a variety which has a high number of dimensions (10 or 11), called the "subspace"... Five different kinds of superstring theo-

ries (all in a 10-dimension subspace) have been discovered in the years 1970–1980."

U: "[Z definition] As a first conceptual approximation, we could say that it is a bundle of oriented axes. The least important about such a bundle are precisely the axes (mathematical fictions), with respect to the angles formed by the axes."

P: "Fundamental objects of physics are not particle-points but one-dimensional "strings", or even objects with arbitrary dimensions (branes). Those theories are close versions of a more fundamental theory, still unknown."

U: "Any particle (electron, meson, graviton) is precisely a Z which is oriented in a way distinct from the others."

P: "Two strings in those states appear as two different particles."

U: "What you call subatomic particles, with different attributes of mass, charge and spin, are nothing but multiple orientations of one same Z."

P: "Whether it is in a quantum state or another, the same string (from the subspace) appears in our world; for example, with a changing mass. To put it another way, we would see different particles."

This list of similarities of ideas, even in their formulation, is far from complete in terms of elementary particles. So, is the superstring of our super-physicists the "Z" of the Ummites? We have not reached that far yet, but the analogies are striking.

The hoax thesis in such conditions implies the complicity in 1966 of high-level physicists—or clairvoyant ones! Jean-Pierre Petit once said that string theory is "a swindle". Maybe he has changed his mind.

Continued on page 77



**ALIEN MEDICAL TEAMS
COLLABORATE WITH HUMANS**
by Adrian Dvir, BSc, MSc © 2003

Ongoing extraterrestrial activity has been taking place in Israel since 1995. Alien medical teams from other realms or dimensions help to cure humans at alternative medicine clinics.

Patients feel strange sensations during the treatments (itching, heat or cold, an increase or decrease in gravity sensations and many more) and some even see and communicate with the aliens' medical teams.

The number of clinics has increased steadily, and presently (2003) there are 50 clinics in Israel and 464 in the USA (according to the aliens). Alien alternative medicine clinics also exist in other countries such as England, Denmark and Australia. ET medical activity helps to raise public awareness and increase acceptance of alien existence.

Organised ET medical collaboration with healers and mediums is a leap forward in alien-human contact and collaboration beyond just UFO sightings, random contacts, encounters, abductions, or crash events as happened in Roswell.

The aliens treat humans in alternative medicine clinics only after the patients give their full consent. No abductions take

place. Between visits at the clinics, the aliens also visit some patients at their homes to continue the treatments. In addition to the medical activity, they willingly collaborate and answer questions on different issues including information about aliens and their activity on Earth, general science, astrophysics and even Earth events.

Alien Communications Commence

I was born in 1958 in Bucharest, Romania, and emigrated to Israel in 1965. I am an electronics and computer science engineer and married with two children.

Several years ago I started to communicate with human entities (spirits). During 1993, I had my first communication with an alien from another dimension or realm.

In 1994 I met Haya Levy, a medium and healer who collaborates with an alien medical team. I saw the team in her apartment. The aliens recommended that I take a healing course, which I did in 1995, and finally they opened a clinic in my apartment, where I have treated hundreds of people together with the alien medical team.

The alien medical teams and their equipment exist in another dimension or other realm, which is a parallel universe to our own. Thus the aliens are invisible to most human eyes, although many psychic people can see the aliens and some can also

communicate telepathically with them. The aliens' spacecraft and equipment are also totally invisible to most humans. They take advantage of this fact to move among us without causing any panic. They don't need to abduct people for medical research: they can walk into any hospital and examine as many sick people as they need.

I used my daily contact with the aliens to learn as much as I could about them. They collaborated and answered most of my questions. They implanted in me a telepathic communication device that connected me to their telepathic central system and encouraged me to ask as many questions as I wanted.

I have documented all my dialogues with the aliens and have published most of them in my two books, *X3, Healing Entities and Aliens* and *Cured by Aliens*.

Alien Implants for Tracking

Most of the people who have had encounters with aliens or have been abducted have been fitted with implants. Some implants have been surgically removed and professionally examined.

The aliens describe the implants as a means to locate and identify patients for future treatments—similar to the way in which our scientists tag birds and attach transmitters to wild animals for tracking.

Haya Levy was also tagged in such a

way. She remembers that 20 years ago she had an encounter with aliens and since then has suffered from a breathing problem in her nose. A physician told her she had a piece of tissue in her nose and he recommended that she have it surgically removed, but she refused.

A year ago she asked X3, her alien team head-physician (who claimed to be from the Sirius star system), to check this piece of tissue. X3 said it was a tagging implant and he removed it from her nose and re-implanted it somewhere else in her body. He explained that they never remove other aliens' implants because they are important. If the implant is causing problems, he just relocates it.

The tagging implants are the simplest and they are for future use, to locate and identify human research subjects or to tag people that are potentially suitable for future contact.

Apparently there are numerous active alien research teams involved in medical, ecological, sociological, nuclear and other research on this planet.

On 25 December 1997, Haya and I met with Avi Grief, the head of the Israeli UFO research centre. In one of his tests, he asked the aliens to identify an object in a sealed envelope. At first the aliens did not want to reply; they said they are not allowed to give such information. Finally they disclosed that the object was an alien tagging implant. Avi confirmed that the object was very small, less than a millimetre in size, and it had been surgically removed from someone's arm. He already suspected the object to be an alien implant.

Following this incident, I started to ask the aliens more about this particular implant. They explained that it is an old implant from a less-advanced alien species. The implant is made of some physical material. I asked how it works. They explained it is a type of transponder—but as a piece of material, not an instrument.

They explained that every atom and molecule has its own "noise", caused by very low level waves. A piece of material has its own unique group of molecular "noise" or group frequency. The tagging implant is made of a specific material compound and has a specific form. This piece of material acts as a receiving and transmitting antenna at the same time.

The aliens don't use electromagnetic waves. They claim to use some other waves, very low level at the atomic or sub-

atomic level. The aliens transmit such waves and the implant receives them, oscillates and transmits the waves back. The variety and complexity of such waves (like a symphonic orchestra) enable the aliens to distinguish between many implants.

The aliens said that most implants are intentionally made to look natural in order to keep them hidden. The implants that are used today by the medical team are made of special materials that cannot be detected, or resemble some natural body tissue or a blood clot.

The Aliens' Concepts of Time Speed

Time, as perceived by humans, is believed to be universal and have a constant speed everywhere. Albert Einstein, in his theories about travelling at high speeds close to the speed of light, came to the conclusion that time slows down as velocity gets close to the speed of light. This theory was, in a way, "proved" by the experiments and has been widely accepted.

Other theories claim that time slows down near black holes, in the presence of very strong gravity. We can assume that the speed of time, gravity and the speed of one mass relative to another are somehow related.

• Universe expansion rate determines the speed of time.

A well-known fact based on many observations is that the universe we can see with our telescopes is constantly expanding. Time speed is assumed by human scientists

to be constant everywhere and not related to the speed of the universe's expansion.

In a channelling session with the aliens on 8 March 2003, they disclosed that the speed of time is not at all constant and it greatly depends on the expansion of the universe. The huge masses of stars and matter that are constantly spreading apart from each other has an effect on the speed of time.

• Universe expansion rate is not constant but oscillating.

Furthermore, the aliens disclosed that the speed of universe expansion is not constant but oscillates between very high speed to lower speed. As a direct result, the speed of time also varies as a result of the speed of expansion. Currently we are near a peak of universe expansion and, as a result, the speed of time is relatively high. Time is passing very quickly. Of course, this cannot be observed by humans or even the most advanced human measuring devices, since all are made of the same material and obey the same time speed.

The aliens propose a way possibly to prove this theory by observations into distant deep space. Since the light reaching us from those faraway places displays a timeline history, there are ways to measure variations in the universe's expansion rate and, as a result, variations in time speed along the ancient galactic time line. Of course, we could test this only after we give up the contention that time speed is constant everywhere and at all times.



"It's a telemarketing survey being conducted by someone from a dying planet in the Magellanic System. On a scale of 1 to 5, how do we feel about mass invasion and total subjugation?"

• *Calculation of the age of the universe is wrong.*

From the aliens' communication of 8 March 2003 came the understanding that human scientific estimates of the age of the universe are wrong. The aliens claim a much older universe, by a factor of about 1,000 since the last Big Bang. The calculation error stems from the wrong assumption that the universe's expansion rate and time speed have been constant since the Big Bang.

The aliens explained that the local Big Bang, which was actually one of many such events that happen from time to time, is actually a mega black hole that reaches a critical mass in which a lower level of sub-particle connections breaks and a huge energy is released.

Matter is constructed of many levels of connections between smaller particles to produce bigger particles. Everything vibrates and rotates. The speed of rotation or vibration is what we call *time*. From the biological point of view, the atomic speed of activity determines biochemical reactions' speed that governs our sense of time.

A very strong gravitational force as exists in a black hole stops most of the atomic activity, and atoms disintegrate into smaller particles. It can be said that atomic internal activity stops, therefore time stops. At lower gravitational force, the effect is much lower but it exists. The gravitational force that exists between all matter slows down the free atomic activity. For example, the speed of the electrons around the atom's core changes as a result of a change in the gravitational force.

As a result of this understanding, we can see that the expanding universe starts with a time speed of zero before exploding, and the time speed gradually rises as the matter scatters and the matter density decreases. Lower matter density results in lower gravity and less interference with atomic activity speed. An atom in a theoretical matter-free space will have no gravitational interference and its activity will reach its maximum natural speed of time.

Parallel Universes and Time

For many years, the scientific world has been speculating about parallel universes: that in addition to our three-dimensional universe, there are universes parallel to our

own. The aliens clearly explained that this is the reality. They said that parallel universes may have three dimensions or more. Furthermore, the visible UFO sightings originate from our own universe, but there are many other aliens from parallel universes that also visit Earth.

The aliens indicated that time is a by-product of a specific matter form that defines a specific universe. Therefore, there is no relation between two parallel universes' time line or time rate. Because of this reason, the aliens can enter our time at any point, but they still have to exit from their universe's present time.

The aliens further explained that time is a subjective by-product of the specific matter in which we live. Different materials

Each type of matter creates a different parallel universe with its own time speed and vector. There is no relation between two parallel universes' matter and time, and the aliens said they had to go to special efforts to reach our universe from their own.

exist with their own different time speed. However, in the "absolute universe", time as we know it does not exist.

Each type of matter creates a different parallel universe with its own time speed and vector. There is no relation between two parallel universes' matter and time, and the aliens said they had to go to special efforts to reach our universe from their own.

How the Aliens Work with Time

The aliens' time rate is much faster than ours. At the alien-human clinic, the patient is treated for about one hour; however, the aliens disclosed that on the aliens' side they have between seven and eight hours.

Haya Levy's medical team's time speed is seven times faster than our own time. They move so quickly that they look like blurs, while the static equipment looks more clear.

Uri Gal's first medical team was eight times faster, and the new team is 10 times faster. Uri hears the aliens' "speech" among themselves as a continuous whistle.

In addition to this, I found out that the alien medical team can accelerate or slow down the time rate of a piece of mass. They use time acceleration to shorten biological transplant growth, and they use time slowdown to preserve biological organs in stasis.

The aliens can grow live flesh tissues, even organs, in a very short period by placing the growing tissues in a machine that accelerates time. They said that this is done using highly sophisticated equipment that affects some of the basic particle vibrations that are responsible for time rate.

The aliens also said that their council leaders decided they should come to Earth at this specific time in human history.

The aliens mentioned more than once that they and their ship personally passed several transformations in order to be able to work here on Earth. They once said that some of the alien teams' members suffered medical problems as a result of such transformations.

The aliens' medical equipment manipulates matter, space and time in order to reach our physical body. The aliens sometimes enlarge an organ (e.g., an ear) so they can operate on it more easily.

In case the aliens take a human for operation aboard their hospital ship, they have to transform the human body several times. One of the transformations generates heat, and they have to cool the body using a low-temperature gas.

During one of the treatments in my clinic around February 2003, a strange phenomenon happened related to time speed. Treatment usually takes one hour. On that day, there was a difficult medical case and I strongly felt that the time was passing far too slowly. The patient looked to be asleep. I tried getting onto the Internet, but it was behaving very strangely, responding in pulses: a few seconds of working, then a long period of no response. I asked the aliens about this, and they said they had to finish a very complex operation that took 30 hours in alien time. Normally this would translate to three hours in human time, but they had only one hour—so they decided to apply a time factor on the clinic

in such a way that outside the clinic only one hour would pass while inside the clinic the time would accelerate to cover three hours.

I checked this information with the healer and medium Hagai Katz. He added that they took special measures to prevent any human from exiting or entering the clinic room in order to prevent any unwanted effects. I asked the aliens what would happen if someone entered the clinic from a one-hour time speed to a three-hour time speed area. Their reply was that the person may experience strange sensations, including a feeling of suffocation.

A Model of Matter and Time

The matter is made of dynamic particles that move, rotate and vibrate all the time. A caesium clock is based on the measurement of the vibration of the caesium atom. It can be said that if time slows, then the vibratory rate of the caesium slows. The total energy of the atom is then supposed to drop. An atom without any external interference should assume its natural vibrating speed, or natural time speed. When the atom is affected by other mass, the interference of the gravitational force slows the vibration speed, or time speed. The atom should have lower energy. In a static mass distribution, the atoms reach their specific time speed which is constant, and the energy is also constant. In a changing mass, as in high-speed flight, there is a dynamic change in the atoms' speed and energy.

In an expanding universe, each atom experiences a decrease of gravitational interference that leads to a higher vibratory rate, higher time speed and higher energy. It can be said that the Big Bang explosion energy is in a way at least partially stored in matter by increasing its vibration speed and time speed. Now, if the matter vibration speed variation is not linear but has break-point or discrete energy levels, this may explain the oscillating expansion of the local Big Bang universe.

Absolute Space with No Time

The aliens explained that there is an "absolute space" that has infinite dimensions and no time. In this absolute space, energy exists and takes different forms of matter. Each matter form has its own geometry, dimensions, physical parameters (physical value for the speed of light) and its own line and rate of time. Each form of matter defines a separate universe with no

interaction with the other universes. The origin of this absolute space and energy is unknown even to the aliens. They believe this absolute space has always existed.

The above information was documented after different communications with a number of aliens. I wanted to understand how they can be present in the same room with me and still be invisible, and how they managed a large number of impressive space-time manipulations used for medical surgery.

Communication between Galaxies

I asked the aliens why the SETI project to find extraterrestrial radio transmissions did not produce any results.

The aliens laughed and explained that electromagnetic waves and radio communication are an old technology that they have long forgotten about. They said that radio waves are too slow to be used for long-distance communication. A radio message between two galaxies takes thousands of years to reach its destination.

The aliens use faster communication means, based on smaller and faster particles than photons. Those particles, which we cannot even measure, exist in a different universe—one of the parallel universes that exists, which is similar to the highway universe the aliens use for faster-than-light-speed flights.

The aliens keep permanent communication stations in a cellular form that enables communication between galaxies. Each

station includes technicians and a central nuclear energy source, most of its output being used to keep the station transformed in the specific universe.

Another alien shorter-range communication system is based on what they call *tetric waves*. The aliens explained that these are extremely low level and high frequency waves. They speak about waves about the size (amplitude) of the atoms or even smaller. They said that each particle generates its own specific noise. This noise is a space disturbance that travels long distances very quickly and with almost no degradation in power. These waves are similar in principle to telepathic waves.

The alien implant devices for tagging people are based on this communication principle. They are made of material that has a specific crystal molecular organisation and shape. These small pieces recognise a specific "tetric" frequency ensemble and transmit it back. It's what is known as a transponder.

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"His glutes, abs and pecs are okay but his logos get me hot."

REVIEWS



BOOKS

Reviewed by Ruth Parnell

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Availability: Order online via website
<http://www.Schauberger-books.org.uk>

The discoveries of Austrian naturalist Viktor Schauberger (1885–1958) continue to inspire those who seek to understand the creative processes of Nature. And while Olof Alexandersson's *Living Water* (1982) and Callum Coats's *Living Energies* (1996) (see review, 3/03) have served as the only English-language studies of Schauberger's works to date (apart from Coats's four-volume *Eco-technology* series of edited translations), there's still room for an "introduction" to Schauberger's insights and inventions that's accessible to the general reader.

Alick Bartholomew, who's been studying the naturalist's work for over 20 years, provides a fitting first glimpse with *Hidden Nature*. It is his hope that a new generation of scientists, ecologists, inventors and interested people will turn on to these scientific insights and explore technological innovations that operate in harmony with Nature. Schauberger predicted that our modern-day destruction of the creative energies of Nature would be the end of us—and if he were alive today he'd be speaking out against the arrogance and misguided science utilised in genetic engineering of food crops and animals with little appreciation for the holistic view of Nature and its workings.

This summary of Schauberger's vision

looks at subtle energies, polarities, energy production, climate, electricity, water, trees, soil fertility and organic cultivation. It also zeroes in on his research into motion and implosion, based on his observations of the vortex created by trout swimming upstream. If you've had enough of the mechanistic, materialistic worldview and are looking for an alternative approach that's based on a real appreciation of Nature's workings, this is the book for you. *The Schauberger Keys*, a booklet highlighting these insights, is also available from the author.

THE SECRET IN THE BIBLE

by Tony Bushby

Stanford Publishing Group and Joshua Books, Australia, 2003

ISBN 0-9581891-4-5 (348pp tpb)

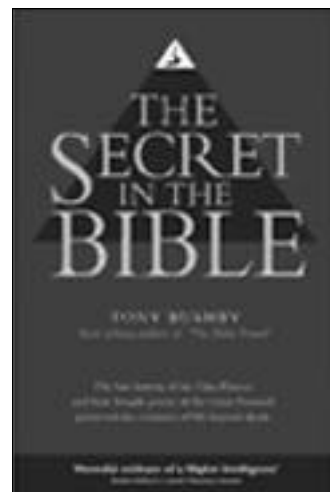
Availability: Joshua Books, PO Box 5149, Maroochydore BC, Qld 4558, Australia, tel +61 7 5444 1971, website <http://www.joshuabooks.com>

Tony Bushby's second book, *The Secret in the Bible*, expands on the territory covered in *The Bible Fraud* (see NEXUS 8/06). It goes deeply into the sacred science that has been passed down through cultures as diverse as the Egyptian, Chaldean, Greek, Druidic, Hebrew and even Australian Aboriginal and New Zealand Maori, and has found its way into the mystery schools including the Knights Templar, Freemasons, Rosicrucians and other occult orders.

Bushby's main focus is on the Egyptian mysteries as coded into the Giza plateau, in the Book of the Dead and Book of Thoth, in the Tarot and the divinely given script of the Torah (the first five books of the Old Testament). The sacred knowledge could be revealed only to initiates trained to receive

the awesome energy that comes when the transcendental key is unlocked (Jesus apparently was one such initiate).

Regarding the Giza plateau, Bushby gives insights into the revered black pyramidal Benben stone believed to have fallen from heaven, the sacred rites held within the Great Pyramid and the existence of other pyramids at Giza—including a Black Pyramid. According to Masonic texts, it was demolished in 1759 by a Scottish faction supported by English Freemasons, motivated by the possible discovery of treasure. Archival illustrations, maps and satellite photographs add weight to the evidence. The discussion of how the symbolic script of the Torah came about is fascinating, for it is based on the vertical spiral of light—the Rainbow Serpent—first seen in the original Benben stone and revealed through a "magic" 22 rotations. Bushby uncovers many more secrets in this stunning book.





REVIEWS

THE SERPENT RISING

by Mary Garden

Sid Harta Publishers, Australia, 2003
(revised edition; first published 1988)

ISBN 1-877059-50-1 (250pp tpb)

Availability: Website <http://www.users.bigpond.com/marygarden/index.htm>

This is the captivating story of a young New Zealand woman who, in 1973, threw away a promising academic career to pursue a spiritual quest in India. For this revised edition of her 1988 book, *The Serpent Rising*, Mary Garden has rewritten the narrative in the first person and included additional perspective in hindsight, though more is available on her website and perhaps a follow-up book is warranted.

While her quest extended over seven years, only a few of the early years are covered in any detail. Her intended first destination was a Hindu yoga ashram in the Himalayan foothills near Rishikesh, but instead she sidetracked to the Sai Baba enclave, where she spent countless hours waiting for the "avatar" to appear at *darshan*. Rejection and illness (as well as rumours of the guru's predilection for male disciples) soon gave her the impetus to continue her journey to the intended foothills but, instead, she found herself in the clutches of one Swami Balyogi Premvarni ("Swamiji"), who had not long before founded the International Yoganta Foundation. What followed was a path that wavered between joy and fear, bliss and denial, freedom and slavery.

This journey into deep spirituality and devotion is soured by all-too-worldly jealousy, anger and betrayal as Mary and other women at the ashram contend with the changing faces presented by their beloved, omniscient, "celibate" guru. Was it all just a

cosmic game and karma being played out, or was it a cosmic con perpetrated by a dangerous mind/energy manipulator? Having come through it all, Mary tends towards the latter. Spending time at Buddhist Vipassana retreats and with the Rajneeshis on a later visit to India, she returned to Swamiji's ashram to take charge of her life at last.

Her story is a cautionary tale for spiritual seekers even today, lest they suspend their mental faculties and lose their own power.

DISCOVERY OF ATLANTIS: The Startling Case for the Island of Cyprus

by Robert Sarmast

Origin Press, CA, USA, 2004

ISBN 1-57983-012-9 (195pp tpb)

Availability: Order online via websites

<http://www.originpress.com> and

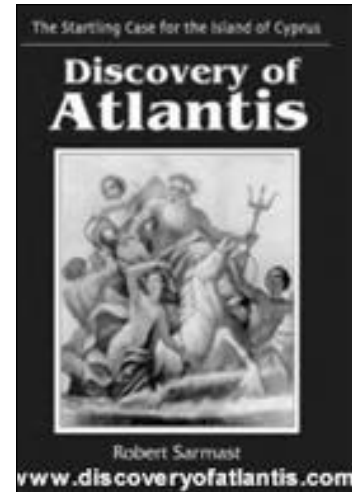
<http://www.discoveryofatlantis.com>

Theories for the location of the lost city and island of Atlantis have captured the public imagination and drawn the attention of scholars for millennia, but this hypothesis from Los Angeles-based independent researcher and mythologist Robert Sarmast may be the most plausible yet offered.

Rejecting the Atlantic Ocean theories and taking Plato's nearly 50 clues literally, he went in search of Atlantis in the Eastern Mediterranean Sea. It wasn't until he found bathymetric data that was yet to be included in the NOAA database that he knew he was onto something. The seabed mapping was not detailed enough, so he commissioned specialists to convert it into a 3D computer model of the subterranean topography that allowed interactive manipulations.

Images were produced that showed the region with progressively shrinking water levels—an exercise based on the fact that at

times throughout history the Mediterranean was a deep basin cut off from the Atlantic Ocean. Legends of the Great Flood may well refer to a time when the Gibraltar land-bridge was breached and the ocean waters rushed in to submerge low-lying areas. When the Mediterranean was "drained" to a depth of 1,650 metres (more than one mile), a landmass adjoining the island of Cyprus to the southeast and linking up with Syria clearly emerged. Also revealed was a long rectangular plain and an acropolis-type feature about seven miles from the old coastline, just as Plato had described, that may have been the site of the lost city of Atlantis. The evidence for this extension of Cyprus being the island lost in a cataclysmic flood and earthquake is compelling; indeed, it may have happened c. 10,000–9,500 BC. Sarmast calls for further research to be conducted to confirm the history-shattering hypothesis of *Discovery of Atlantis*.



REVIEWS



PUSHING GRAVITY

edited by **Matthew R. Edwards**

Apeiron/C. Roy Keys, Montreal, 2002

ISBN 0-9683689-7-2 (320pp tpb)

Availability: Order online via website
<http://redshift.vif.com>

At the beginning of the 21st century, mainstream scientists still can't say for certain what causes gravity or exactly what it is, and are still chasing Einstein's elusive "unified field theory", though many mavericks arguably hold the missing links.

In the mid-1700s, Swiss scientist Georges-Louis Le Sage (1724–1803) proposed a mechanical theory of gravitation, drawing on a 1690 paper by Swiss mathematician Nicolas Fatio. To simplify Le Sage's ideas, gravity arises from the absorption by material bodies of minute particles or waves filling space, which causes bodies to be "pushed into each other's shadows"—thus the term "pushing gravity". Kelvin tried to modernise the theory in the late 1800s, while Euler, Maxwell and Poincaré were critics.

Over the last half-century there's been a rising interest in Le Sage's theory, and Matt Edwards's *Pushing Gravity* does much justice to it (Edwards is with the Gerstein Science Information Centre at Toronto University). His compilation of 23 papers (two of his own) covers: the history of the theory; the modern wave of Le Sage-type theories (including from Tom Van Flandern, who suggests an absence of gravitational aberration due to gravitons having superluminal velocities—impossible according to relativity); and other models that take Le Sage's theory further, such as Adamut's electrothermodynamic theory of gravitation.

Contributors include Arp, Kierein, Radzievskii and Kagalnikova, Jaakkola,

Veselov; authors examining the gravitation hypothesis of Italian physicist Quirino Majorana; and Martin Kokus on alternative theories of gravity and geology in earthquake prediction. This issue's Science News has abstracts of two papers on alternative gravitation theories that wouldn't be out of place in Edwards's welcome compilation.

WHAT REALLY CAUSES SCHIZOPHRENIA

by **Harold D. Foster**

Trafford Publishing, Victoria, BC, 2003

ISBN 1-41201531-6 (258pp tpb)

Availability: Trafford Publishing, website
<http://www.trafford.com>; author's website,
<http://www.hdfoster.com>

The incidence of mental illness including schizophrenia has increased at least sevenfold since 1750, especially in the industrialised world. Harold D. Foster, PhD, suggests this "epidemic of insanity" may be a strong argument that the triggers which increase the negative impacts of genetic aberrations linked to this mental illness have become more common. He believes psychiatry has got the biochemistry wrong: drug treatment is largely based on the false premise that schizophrenics have an excess of dopamine, when in fact they produce too much adrenochrome—a metabolite of adrenaline as well as an hallucinogen, a free-radical generator and a neurotoxin that undermines at least three major biochemical systems and damages the thyroid.

Dr Foster has researched the aetiology of schizophrenia and concludes that if the adrenochrome hypothesis is correct, the "ideal" treatment should involve eight steps, designed to reduce the production of adrenaline and slow down its metabolism to

adrenochrome and other toxic indoles. It should also address the triggers to adrenochrome overproduction, including stress and the "flight or fight" response system, excess sugar consumption and substances that may cause allergic reactions.

He says there appear to be four genetic aberrations that either encourage the formation of adrenochrome or make those who carry one of these to be more prone to this destructive substance. An advocate of orthomolecular medicine, Dr Foster suggests the best treatments for schizophrenia are adrenochrome antagonists, e.g., high-dose niacin, thiamine or coenzyme Q10, with desiccated thyroid to help the thyroid damage.

His enlightened perspective offers great hope and acknowledges that schizophrenics do not need abuse, derision and social abandonment. He's even making this and his AIDS book available for free at <http://www.hdfoster.com>. (See part two of his AIDS/Selenoenzyme article this issue.)





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THE COMING ECONOMIC COLLAPSE OF 2006

by Michael Wells Mandeville

MetaSyn Media, AZ, USA, 2003

ISBN 0-9721051-9-0 (227pp tpb)

Availability: Order online via website
<http://www.michaelmandeville.com>

The economy of the USA and much of the world will slip into severe recession, if not depression, by 2006–2007. So concludes Michael Wells Mandeville, who has analysed the predictions made by the great American seer Edgar Cayce from the 1920s through to his death in 1945 (see his article on the Chandler Wobble in NEXUS 9/05).

Mandeville determined that in economic matters, Cayce had an accuracy rate of 93 per cent (a failure in four out of 60 specific economic predictions); indeed, his forecasts in the lead-up to the 1929 stock market crash were uncannily accurate and provide many lessons for anyone studying today's economic trends. In the 1930s, Cayce hinted that a major economic realignment and depression or severe recession occurs every 24–25 years. So Mandeville studied historical, economic, political and social developments going back to the late 18th century and discovered that Cayce's cycle holds true through this entire period—except for one instance in 1837 when the seer was three years out. Additionally, this cycle coincides with sunspot peaks moving into troughs.

Extrapolating Cayce's cycle to the future, Mandeville sees the next big trough happening in 2006–07, and that the US economy is arguably already on the downward slide towards it, although occasional rallying of markets during 2004–05 can be expected. He analyses the big shifts that are taking place in global politics (led by the US

Imperial Faction), the media and economics (the US dollar vs the euro), identifies trends and predicts the industries and sectors to avoid or stay with over the next few years.

Mandeville also draws inspiration from the Cayce Recovery Strategy that could help us survive and even prosper. He urges a spiritually oriented rather than a grossly materialistic approach to solving our economic, political and social problems. An important read for these tumultuous times.

BEHOLD JERUSALEM!

by Graham K. Griffiths

Longinus Publications, UK, 2003

ISBN 0-9543519-0-8 (305pp 1/f tpb)

Availability: Longinus Publications, 27 Old Gloucester Street, London WC1N 3XX, email longinuspublications@emjaygee.fsnet.co.uk

What started out as an eleven-year-old's musings on "giants" depicted in Britain's coastline burgeoned into a quest for artist Graham Griffiths. But this was not until 17 years later when he came across Katherine Maltwood's 1930s representations of the 12 zodiacal symbols sculpted in a 10-mile circle around Glastonbury, these being virtual replicas of his own. He realised then that his giants were also zodiacal archetypes, and he set out to explore the enigma.

What follows is a magical mystery tour that is informed by esoteric aspects of early Christianity, Egyptology, Celtic myth, Arthurian history and Grail legend as much as by geology, astronomy, anthropology and astrology. Also influential are the works of visionary William Blake, whose poem "Jerusalem"—with lines like "And was the holy lamb of God/On England's pleasant pastures seen"—can be understood in an

entirely new light by this reckoning. For oddly enough, Griffiths proposes, the lamb—the sign of Aries—is represented in the landscape from northeast England down to south Wales; its staff reveals a double Crucifixion theme. By studying geological and topographical maps and visiting the locations, he has been able to discern specific features not just in the coastlines but in the inland regions which suggest meaningful pictures and symbolism on a grand scale.

This is an extraordinary thesis, and even the author is perplexed at the potential import of it all. While acknowledging that some people will see nothing, he sees signs in the landscapes that reflect dramas that are still being played out on a global level. And while Scotland and Eire seem to be out of the picture in terms of zodiacal imagery, Northern Ireland isn't, and its representation as Scorpio has profound lessons for today and the future. Griffiths leaves it to the reader to judge this remarkable perspective.



REVIEWS



FLESHING OUT SKULL & BONES

edited by Kris Millegan

TrineDay, Walthamville, OR, USA, 2003

ISBN 0-9720207-2-1 (714pp hc)

Availability: Order online from website
<http://www.fleshingoutskullandbones.com>



Thomas Jefferson warned of the real threats to American democracy "from the misuse of political and economic power by an undemocratic wealthy elitist clique of materialist ideologues in secret cabals at the highest levels of American society", says retired emeritus professor of political science, Ralph E. Bunch, one of many contributors to this compendium on the secretive Yale University Order of Skull and Bones. And he had good reason to warn, for secrecy is the antithesis of democracy, and today our freedoms are under threat as never before.

Readers can glean important historical insights and context from Kris Millegan's compilation, *Fleshing Out Skull & Bones*.

As well as historical texts and illustrations, there are lists of members going back to the Order's founding in 1832.

Contributors include NWO watcher Antony Sutton (now deceased), Howard Altman, Anton Chaitkin and Webster Tarpley (several chapters of their 1992 *George Bush: The Unauthorized Biography* are reproduced here), as well as Kris Millegan himself, whose father was an OSS/G2/CIA officer. There are articles going back two decades on the history of the S&B Order and its famous members, from the Russell family with its opium smuggling operations to three generations of the Bush family with fingers in everything from funding Hitler's war effort to smuggling cocaine.

The Order in its time has produced three US Presidents, two Chief Justices and over 20 Senators, not to mention other officials of power and prestige. On the other hand, many others have been elected to high office who have *not* been members of Skull and Bones, though some may well have belonged to other secret societies with some sway over US progress. Still, the viewpoints herein suggest that the S&B has an inordinate influence in terms of its supposed ethos of promoting chaos in world affairs.

FAITH AND THE PLACEBO EFFECT by Lolette Kuby, PhD

Origin Press, CA, USA, 2004

ISBN 1-57983-010-2 (323pp tpb)

Availability: Order online via website
<http://www.originpress.com>

Soon after poet, social activist and former literature professor Lolette Kuby, PhD, learned she had breast cancer, she experienced two life-changing spiritual revelations that brought with them a faith, a knowing

that she had been healed—and indeed she had. She knows her healing was not a miracle but a placebo effect—a cure that had no external cause, a self-healing.

In her research into the phenomenon of spontaneous remission, she discovered that it is grudgingly acknowledged by the medical community but has rarely been studied. And while the placebo effect is entrenched enough that it is utilised in pharmaceutical drug trials, the fact that placebos can and do work has barely been recognised or explored in the healing process, she learned.

Dr Kuby combines personal experience, scientific evidence, testimonials, history and mysticism to get across the great truth that your health is in your mind. The fact that there are many healing modalities from which to choose is not the point: our *belief* in the treatment is what triggers the placebo effect, our own self-healing capacity.

The holistic view that body, mind and soul are not separate is still to be integrated by the medical profession, which, Kuby argues, removes much of the individual's responsibility for their own health (a sure way *not* to be able to effect self-healing). She explains why and how the placebo effect is so powerful as well as how to trigger it consciously, through direct faith in the inner source of all healing. Further, Kuby shows that maintaining health requires keeping that connection with spirit, a state of being.

Her advice includes tips on consciousness-raising, such as waking up to any pessimism and cynicism that may characterise your thinking and avoiding "toxic" situations. All in all, this is a recipe for a happy, healthy life: it's there if we want it, if we adopt the right attitude of mind and have faith. Possibly the ultimate self-help book!



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INSIDE THE SHADOW GOVERNMENT

by Harry Helms

Feral Press, CA, USA, 2003
ISBN 0-922915-89-X (225pp tpb)
Availability: Order online from
<http://www.feralhouse.com>

In the wake of the 9/11 attacks, a parallel US "Shadow Government" was activated, whisking away President Bush to the US Strategic Command Center in Nebraska and VP Cheney to the White House bunker and then, allegedly, to Mount Weather in Maryland. There, and possibly at several other facilities, a mirrored "Office of the Presidency" is maintained by FEMA, the Federal Emergency Management Agency.

But how much do the Congress and Senate know about this parallel set-up? Very little, says Harry Helms in *Inside the Shadow Government*. He starts with a 9/11 "what if" scenario to describe how the President can bypass the Congress and Constitution by



creating new laws, Executive Orders, at the stroke of a pen. The Office of Homeland Security was created on 8 October 2001 with an EO signed by President George W. Bush that contains provisions which remove civil liberties. Helms overviews several key EOs issued through the decades and reprints three in the appendices. As to who writes these EOs on whose say-so, this is unclear.

The unelected Shadow Government and the military and agencies which support it operate according to a cult of secrecy, and Helms shows how black-budget expenditure evades congressional oversight. He divulges details of the layout of and activities at top-secret underground installations and facilities like Area 51 and the adjacent Tonopah Electronic Combat Range, and looks at the subcontracting companies that work for the military on top-secret projects.

Within the context of provisions of the USA Patriot Acts and the roles of FEMA and various military groups and agencies,

Helms explains how, in the event of a "national emergency" (which only the President can declare), basic civil rights could so easily be suspended, citizens rounded up *en masse* and private property seized. This is already happening in post-9/11 USA, but Helms says it could so easily happen on a large scale. His book makes chilling reading; but if you can't wait, then visit the author's website, <http://www.the-shadow-government.com>, for more info.

SEEDS OF DECEPTION

by Jeffrey M. Smith

Yes! Books, Fairfield, Iowa, USA, 2003
(also Scribe Publications, Melbourne, Australia, and Craig Potton Publishing, Nelson, NZ, 2004)

ISBN 0-9729665-8-7 (292pp tpb)
Availability: Order online from website
<http://www.seedsofdeception.com>

How safe is the food you're eating? If you live in North America particularly, you're likely to be eating increasing amounts of genetically modified/engineered foods, certainly in processed food products. Yet the safety of those foods is untested in double-blind scientific trials. In *Seeds of Deception*, Jeffrey Smith says that the few independent GM feeding studies done point to animals sustaining damage to the immune system and vital organs and showing pre-cancerous conditions and stomach lesions—all the more reason to be cautious about what we eat, as well as what we feed to animals destined for human consumption.

Smith, founder of the Institute for Responsible Technology (which promotes labelling of GM foods), exposes the industry manipulation and political collusion that allow untested GM foods on the market. Scientists who have warned of toxins, allergies and new diseases have been discredited or sacked because their findings are at odds with the pro-biotech agenda. Industry studies, e.g., in the case of GE bovine growth hormone, appear to be rigged so that problems aren't found. But we need to ask questions; we need to know if there is indeed a link between, say, the rise in soy allergies and the introduction of GM soy into the food supply, as seems to be the case already in the USA and UK. Smith also lists a host of things that can go wrong in the unpredictable field of gene science.

It's important for scientists, regulators, corporations and their shareholders to take a big-picture look at the unknowns of what they're inflicting on the planet and its population. Likewise, it's important for individuals and groups to lobby decision-makers with their concerns. Smith's book is packed with accessible information and useful references for the research minded.

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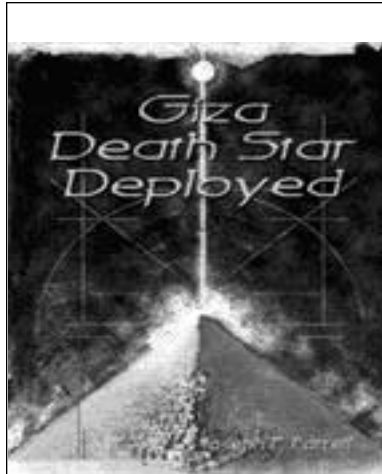
THE GIZA DEATH STAR DEPLOYED: The Physics and Engineering of the Great Pyramid

by Joseph P. Farrell

Adventures Unlimited Press, USA, 2003
ISBN 1-931882-19-3 (293pp tpb)
Availability: NEXUS offices; AUP office,
<http://www.adventuresunlimitedpress.com>,
<http://www.adventuresunlimited.nl>

In this sequel to *The Giza Death Star*, physicist Joseph Farrell expands on his hypothesis that the Great Pyramid of Giza was much more than an observatory, an encoded library and a time capsule, but was also a machine designed as a weapon, a chemical maser, and eventually deployed with catastrophic results to our solar system.

Taking Christopher Dunn's harmonic oscillator thesis further, Farrell speculates that the technology encompassed in the Great



Pyramid involved the harmonic oscillation of almost every known physical force and system and contained harmonics of the Planck constant of the minimum quantum of action. He draws parallels between the Great Pyramid and the more familiar "Death Star" of *Star Wars* movie fame.

In part one of *The Giza Death Star Deployed*, Farrell explores the "exploding planet hypothesis" in modern astronomy and the issues surrounding the dating of the Giza structures, with the aim of reconstructing scenarios concerning the actual military use of the weapon. He claims the Giza Death Star may once have been used to explode a planet, wreaking destruction on our own.

Part two is a history of the Giza structures and the attempts to control them, perhaps as part of some occult agenda. Factions have had links to Freemasonry, Napoleon and the Nazis, and it's claimed that today there's covert interest from the Americans, British, French, Russians and Chinese.

In part three, Farrell examines the physics of Tesla science, scalar weaponry, zero point

energy and tetrahedral geometry, suggesting that the ancient Egyptians had access to superluminal technology that harnessed the forces of nature, time and space to terrifying effect. Sure, this is an hypothesis, but its implications are mind-stretching.

THE ALIEN CHRONICLES: Compelling Evidence for UFOs and Extraterrestrial Encounters in Art and Texts Since Ancient Times

by Matthew Hurley

Quester, UK, 2003

ISBN 0-9541904-1-6 (305pp l/f hc)
Availability: Quester Publications, tel +44
(0)1244 680949, website <http://www.questerpublications.com>; author's website,
<http://www.ufoartwork.com>

The UFO phenomenon did not start in the 1940s, as popular mythology holds, but has been around at least since mankind has had the ability to record it. In *The Alien Chronicles*, researcher Matthew Hurley presents UFOs and strange beings depicted in cave paintings that are tens of thousands of years old, in the art and texts of ancient civilisations, in mediaeval and Renaissance paintings and tapestries and in early photographs. The images, a good proportion in full colour, as well as the well-referenced text provide astonishing evidence that humanity has always been visited by craft and beings from other worlds—or that our predecessors through the ages had vivid imaginations or were space/time travellers!

Some of the images you may have seen before in the books of Erich von Däniken, but many others are firsts in this scenario. Hurley puts all of this into context firstly by giving an overview of modern UFO phenomena including sightings, abductions, crop circles and cattle mutilations. He gives tips on interpretation and examples of artworks that have been misinterpreted, e.g., that famous "frieze" from Abydos, Egypt, depicting what looks like modern aircraft.

Hurley argues that to get a grasp of these representations in prehistoric and ancient art, we need to study creation myths, many of which show or refer to unusual objects and beings that visit or interact with humans and have common themes all over the world. The examples of anomalous objects in Western religious art are equally astounding, and Hurley shows comparisons between photos of modern UFOs and objects, lights, portholes or rays depicted in these artworks.

The snippets of text going as far back as 498 BC and as far forward as AD 1900 (before the aeroplane was invented) as well as out-of-place artefacts are also compelling evidence that UFOs have been around for at least several thousand years. Hurley's compilation will help rewrite the history books.



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MUSIC

Reviewed by Richard Giles

THE LIGHT DANCE

by Buedi Siebert

Real Music, USA, 2003 (60mins)
Distributors: **Australia**—New World Music, tel (02) 9565 4522; **UK**—Real World Records, tel 0208 964 6000; **USA**—Real Music, tel (415) 331 8273, <http://www.realmusic.com>

Buedi Siebert was trained as a classical musician, specialising in the flute, and in his travels around the world he met the Native American medicine man, Sun Bear, and became his student. Because of experiences during this time, he decided to leave the city and move to Germany's Black Forest, where he now devotes his time to Earth-healing projects. This album was composed for *t'ai chi* practice using the *idogo* pole exercise routine. These beautiful, harmonious sounds assist in balancing the body's energies.

MUSIC FROM SUDAN

by Hassouna Bangaladish

ARC Music Prodn, UK, 2003 (66mins)
Distributor: **UK**—ARC, tel +44 (0)1342 328567, <http://www.arcmusic.co.uk>

This album contains traditional Sudanese music, featuring songs written in the 1920s and 1930s. Prior to the 20th century, Sudanese songs had no words, just vocalisation of the melodies. Hassouna Bangaladish works to present Sudanese music and songs with a contemporary feel in this ARC Music release. Instruments include doholla, accordion, violin, bass, tabla and other percussion. Thoroughly recommended.

SALSA AROUND THE WORLD

by various artists

Putumayo, USA, 2003 (52mins)
Distributors: **Aust**—MRA Entertainment, tel (07) 3849 6020; **UK**—Pinnacle Imports, tel 01689 870622; **USA**—Putumayo, tel 1888 7888 8629, website <http://www.putumayo.com>

The word *salsa* means "sauce", and it is an apt description of the sound of this Latin-style music. It incorporates *mambo*, *rumba*, *son*, *chachacha* and a variety of Afro-Cuban styles. Artists include Salsa Celtica, Havana Mambo, Apurimac, Touré Kunda, Moustá Largo, Richard Bona, El Septeto, Haitiando, Shaan and several others. These musicians come from some unexpected quarters of the world, including Cameroon, Curaçao, Greece, Haiti, India, Italy, Japan, Morocco, Senegal and Scotland. Hot and happy dance music for Latin lovers everywhere. Fantastic album!

FIEBRE

by Radio Tarifa

World Circuit, UK, 2003 (57mins)
Distributors: **Australia**—MRA Entertainment, tel (07) 3849 6020; **UK**—New Note, tel 01689 877884

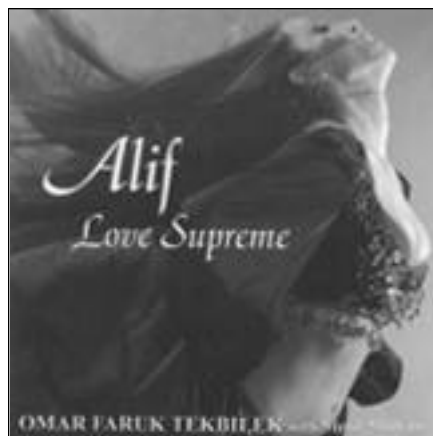
Spain's Radio Tarifa has released three albums to date which I haven't had the privilege to review. This fourth one is recorded live in Canada and presents some of their best music of the last 10 years. They mix influences from North African Arabic countries with Mediterranean styles from Spain and the Middle East. Ancient instruments like the crumhorn, ney, oud and derbuka are combined with flute, electric base, bongos and flamenco guitar. This is Radio Tarifa at their most alive, creating exciting sounds to rouse you and get you up dancing. Best tracks include "Tangos del Aqujero", "El Mandil de Carolina" and "Ronda de Sanabria". Traditional arrangements, Arabic tones and hot flamenco make *Fiebre* ("Fever") a richly charged album.

ALIF - LOVE SUPREME

by Omar Faruk Tekbilek

New World Music, 2003 (66mins)
Distributors: **Australia**—New World Music, tel (02) 9565 4522; **UK**—New World Music, tel 01986 781682; **USA**—New World Music, tel (303) 415 1040, <http://www.newworldmusic.com>

The great Turkish musician and performer Omar Faruk Tekbilek joins with Steve Shehan and a host of others to create an album as a tribute to Omar's favourite theme: divine love expressed through music, dance, romance and life. His record of collaborations with the greats in contemporary world music is extensive (see NEXUS 6/03, 7/02, 7/06). The songs on *Alif - Love Supreme* are dedicated to the common bond of love that connects all of humanity. A stunning celebration of Omar Faruk's work, also keeping alive the mystery and beauty of Middle Eastern dance.



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in January 1991, the media [were] fed carefully selected footage by [General Norman] Schwarzkopf in Saudi Arabia and [General Colin] Powell in Washington, DC. Most of it was downright misleading".

It's happening this time, too. According to Christian Lowe of the military magazine *Army Times*, "embedded" journalists are being "hounded by military public affairs officers who follow their every move and look over their shoulders as they interview aviators, sailors, and maintainers for their stories".

(*Solomon, 2002; Miller, 2003, April 3*)

122) On January 27, 2003, CNN released a document to its entire reporting staff. Entitled "Reminder of Script Approval", it relayed the fact that all stories must be submitted to an anonymous row of script editors in Atlanta who can insist upon changes. It read:

"A script is not approved for air unless it is properly marked approved by an authorized manager and duped [duplicated] to burcopy [bureau copy]... When a script is updated it must be re-approved, preferably

by the originating approving authority."

This means that, although the reporter in Jordan, Baghdad or the West Bank most assuredly understands the background and nuances of his or her story far better than the authorities in Atlanta, the anonymous CNN script editors will decide upon the spin the story should take. In other words, CNN is censoring itself, or is agreeing to be censored.

(*Fisk, 2003, February 25; Goodman & Rendall, 2003*)

123) Fairness & Accuracy in Reporting (FAIR) conducted a quantitative study from January 30, 2003 to February 12, 2003, concerning *ABC World News Tonight*, *CBS Evening News*, *NBC Nightly News* and *The NewsHour with Jim Lehrer* on PBS. It concluded that of the 393 on-camera sources who appeared in nightly news stories about Iraq, more than two-thirds (267) of the guests were from the US and 75% of those (199) were either current or former government or military officials, with only one expressing scepticism or opposition to the war. "Such a predominance of official sources virtually assures that independent and grassroots perspec-

tives will be underrepresented." In fact, only 20 of the 393 represented the Iraqi government and only three represented anti-war organisations. At a time when 61% of US respondents were telling pollsters that more time was needed for diplomacy and inspections, only 6% of US sources on the four networks were sceptics regarding the need for war, half of them were people on the street, and half of them were unnamed.

(*"In Iraq crisis, networks are megaphones..."*, 2003, March 18)

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David B. Deserano is a recent graduate from Portland State University, Oregon, with an MS in Communication Theory. Much of his time has been spent researching and documenting the numerous links between the US government and a supposedly free media. He has turned this article (which originated as his Masters thesis) into an illustrated 'zine. To contact Dave Deserano, email him at fortytwoent@yahoo.com.

The full text of this article with references is posted at the NEXUS website, <http://www.nexusmagazine.com>.

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UMMITE PREDICTIONS

Two examples illustrate that the level of complicity is the same in other fields, such as biology and medicine. The Ummites warned us in the 1960s against the systematic use of antibiotics liable to induce resistance in germs—a problem which we have only become aware of in the 1990s. Furthermore, the Ummites claim in their letters that the water contained in the cell can carry electromagnetic signals—precisely what Dr Jacques Benveniste apparently discovered, making him famous and banned at the same time for his "water memory" theory.

These are topics of a more serious kind than quibbles over sociological interpretations of the "Ummo mystery" or the genuineness of photographs—without, however, underestimating such questions.

The story exhibits numerous elements of coherence, right up to elements of misinformation—intentional mistakes—inserted into the texts in order to thwart an overly "easy" identification of their origin. As for global scepticism about ETs, this is gradually lessening as we move on. Some

people still make investigations and try to assemble the puzzle (see box, "An Ummophile's Viewpoint").

But an important question remains. It is interesting to wonder why the concept that ETs may have infiltrated among us seems so irrational to "common sense" people. On closer look, it could be that this block is itself irrational and subconscious. Indeed, a being coming from space somehow represents our own future, that of interstellar explorer. If we see the being from space as a time traveller, how could he visit us?

This block could be removed by the growing acceptance of the UFO phenomenon among the population. Despite those who see only a myth behind all this, the discovery of numerous planets outside the solar system considerably reinforces the hypothesis of extraterrestrial life and therefore of possible visits. But those planets had to be seen and measured by "our" instruments, "our" calculations, before their existence could be accepted. And yet, there they were!

The Ummite letters mention that we will find traces of multicellular life-forms on planet Mars, where a probe has just been sent especially to look for such traces.

Indeed, in the 1940s, an ET was expected to be a Martian. Nowadays, he comes from farther away but he might be closer to us than we think.

Should we be afraid? According to *them*, no. To undertake such a journey through space, a civilisation must have mastered a "matter-energy" technology that would have led to its own destruction if that civilisation had not transcended its aggressiveness. In light of this argument, any civilisation visiting us can only have peaceful purposes.

Editor's Note:

For more information on the Ummo letters and the controversy, visit the website <http://www.ummo-sciences.org>.

About the Author:

French journalist Joss Morisson, 39, has a scientific background in natural sciences and has worked for 10 years as a science journalist in the medicine/healthcare field for numerous professional newspapers and magazines as well as television and radio. Based near Toulouse, he is now an independent journalist and writer involved in alternative topics. He can be contacted by email at morisson@club-internet.fr.